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INTERACTIONAL AERODYNAMICS OF THE SINGLE ROTOR HELICOPTER CONF--ETC(U)

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DAAJ02-77-C-0020

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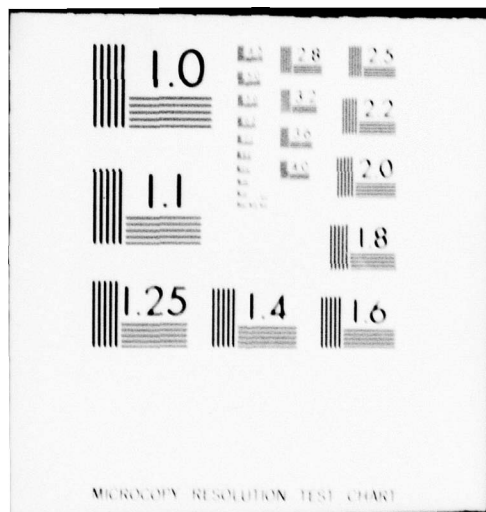
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USARTL-TR-78-23B

LEVEL

III

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Vol 1*



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**INTERACTIONAL AERODYNAMICS OF THE SINGLE
ROTOR HELICOPTER CONFIGURATION**

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**VOLUME II-E - Harmonic Analyses of Airframe Surface Pressure Data,
Runs 15-22, Mid Section**

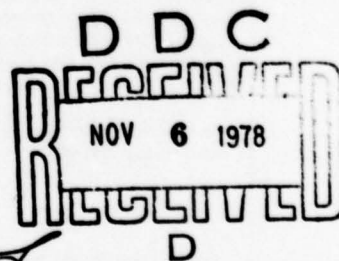
Philip F. Sheridan

**Boeing Vertol Company
P.O. Box 16858
Philadelphia, Pa. 19042**

September 1978

Final Report for Period March 1977 - February 1978

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Prepared for

APPLIED TECHNOLOGY LABORATORY

U. S. ARMY RESEARCH AND TECHNOLOGY LABORATORIES (AVRADCOM)

Fort Eustis, Va. 23604

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APPLIED TECHNOLOGY LABORATORY POSITION STATEMENT

In 1975 a wind tunnel test program was conducted in the Boeing-Vertol 20-foot V/STOL Wind Tunnel on a 1/5th-scale UTTAS model to investigate and find solutions for several aerodynamic problems encountered during the UTTAS flight-testing. Specifically, these tests focused upon (a) the structure of the hub/rotor wake in the vicinity of the empennage, (b) the formulation of the ground vortex and its relation to hub loads and fuselage loads during transition, and (c) the occurrence of vibratory air pressures from the blade passing over the fuselage. Only portions of the above-mentioned wind tunnel test data were reduced and analyzed in addressing the flight-test problems of the UTTAS aircraft.

Under Contract DAAJ02-77-C-0020, Boeing-Vertol completed analyses on the data to understand more completely the aerodynamic interactions that are involved and to formulate instructions for the guidance of designers in these respects. The results of these studies are applicable to all existing and future single-rotor/tail rotor helicopters. The data have been segregated according to aerodynamic interactions and associated phenomena/problem areas. From this body of knowledge, a generalized set of design guidelines meaningful to the single-rotor helicopter design concept formulation were developed and are included in these reports.

Mr. Robert P. Smith of the Aeronautical Technology Division, Aeromechanics Technical Area, served as project engineer for this effort.

DISCLAIMERS

The findings in this report are not to be construed as an official Department of the Army position unless so designated by other authorized documents.

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19. KEY WORDS (Continue on reverse side if necessary and identify by block number) Rotor Aerodynamic Interaction Aft Crown Downwash Flow Environment Nacelles Flow Vibratory Pressures Interaction Fuselage		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This is the fifth of the nine sub-volumes of Volume II. These documents contain harmonic analyses of the waveforms generated by each of the 53 pressure transducers, which covered the surface of the model fuselage and empennage. This sub-volume covers the second eight of the twenty-seven runs devoted to surface pressure testing. The analyses encompass the transducers in the middle section of the model. Test conditions and/or configurations include effects of root cut-out, vortex generators and strakes, autorotation, and rotor height.		

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LEVEL II

PREFACE

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The entire report describing the investigation of INTERACTIONAL AERODYNAMICS OF THE SINGLE-ROTOR HELICOPTER CONFIGURATION comprises eight numbered volumes bound as 33 separate documents. The complete list of these documents is as follows:

Volume I, Final Report

Volume II, Harmonic Analyses of Airframe Surface Pressure Data

- A — Runs 7-14, Forward Section
- B — Runs 7-14, Mid Section
- C — Runs 7-14, Aft Section
- D — Runs 15-22, Forward Section
- E — Runs 15-22, Mid Section
- F — Runs 15-22, Aft Section
- G — Runs 23-33, Forward Section
- H — Runs 23-33, Mid Section
- I — Runs 23-33, Aft Section

This volume is

Volume III, Flow Angle and Velocity Wake Profiles in Low-Frequency Band

- A — Basic Investigations and Hubcap Variations
- B — Air Ejector Systems and Other Devices

Volume IV, One-Third Octave Band Spectrograms of Wake Split-Film Data

- A — Buildup to Baseline
- B — Basic Configuration Wake Explorations
- C — Solid Hubcaps
- D — Open Hubcaps
- E — Air Ejectors
- F — Air Ejectors With Hubcaps; Wings
- G — Fairings and Surface Devices

Volume V, Harmonic Analyses of Hub Wake

Volume VI, One-Third Octave Band Spectrograms of Wake Single Film Data

- A — Buildup to Baseline
- B — Basic Configuration Wake Exploration
- C — Hubcaps and Air Ejectors

Volume VII, Frequency Analyses of Wake Split-Film Data

- A — Buildup to Baseline
- B — Basic Configuration Wake Explorations
- C — Solid Hubcaps

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- ## Volume VIII, Frequency Analyses of Wake Single Film Data

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INTRODUCTION

Volume II summarizes the harmonic analyses of the airframe surface pressures measured at 53 locations on the fuselage, nacelles, and empennage of the model. These values are presented in nine volumes resulting from the following division of runs and pressures.

<u>Volume</u>	<u>Runs</u>	<u>Pressure Section</u>
II-A	7-14	Forward
II-B	"	Mid
II-C	"	Aft
II-D	15-22	Forward
II-E	"	Mid
II-F	"	Aft
II-G	23-53	Forward
II-H	"	Mid
II-I	"	Aft

A computer printout sheet is provided for each pressure transducer for every run. The steady and ten harmonic components are given in pounds per square inch. The resultant and its phase angle are shown as well as the sine and cosine. A machine plotted time history with points every three degrees is offered for reference.

The parameters of any run may be found in the list of Test Runs, (Table 1), a copy of which appears in each volume.

The designation (PS number) of the pressure sensors within each section are shown below.

<u>Forward Section</u>	<u>Mid Section</u>	<u>Aft Section</u>
004.1	045.1	081.1
013.1	045.2	081.2
013.2	047.1	081.3
013.3	047.2	099.1
015.1	048.1	099.2
017.1	048.2	099.3
017.2	048.3	107.1
017.3	052.1	107.2
017.4	052.2	107.3
017.5	056.1	107.4
017.6	056.2	107.5
017.7	056.3	107.6
023.1	057.1	112.1
023.2	057.2	112.2
023.3	071.1	117.1
023.4	072.1	117.2
023.5	072.2	
026.1		

The location of each transducer is shown in the scaled model drawing (Figure 1) and the listing of the transducer locations (Table 2).

The great majority of the pressure data points permitted usable harmonic analysis. Occasionally the computer program would skip a case with too many points beyond the valid voltage bandwidth of the measurement system. This is noted by the words "BANDEDGE". There are also a few cases where a very flat variation indicates an inoperative transducer.

TABLE 1
LIST OF TEST RUNS
MEASUREMENT OF VIBRATORY SURFACE PRESSURES

RUN NO.	CONFIGURATION/CONDITION	V _{TUN} KNOTS	RPM MR/TR	DISK LDG. psf	MODEL ANGLES		MR HT. h/d	TAIL ROTOR
					α°	ψ°		
7	K ₁ /(a) Level flight baseline	60	1433/4500	8	2.2	-6.5	∞	On
"	" / (b) Max. gross weight level flt. baseline	"	"	10	3.3	"	"	"
8	" / (a) Repeat 7 (a)	"	"	8	2.2	"	"	"
"	" / (b) Increase speed to maximum	160	"	"	-3.5	-2.0	"	"
9	K ₂ /Repeat high speed baseline with TR Off	"	1433/0	"	"	"	"	Off
10	" /Max. climb at low speed	60	"	"	-26.5	-15	"	"
11	" / (a) Repeat 10; T.P. 2,3,4,5	"	"	"	-26.5	-15	"	"
"	" / (b) Repeat 7 (a) with TR off, T.P. 6,7,8,9	"	"	"	2.2	-6.5	"	"
12	" / (a) Repeat 7 (b) with TR off	"	"	10	3.3	-6.5	"	"
"	" / (b) Max. G.W. at max. speed with TR Off	160	"	"	-2.0	-2.0	"	"
13	K ₂ +S ₁ /Check longitudinal strakes	"	"	8	-3.5	-2.0	"	"
14	K ₂ +S ₂ /Check lateral strakes	"	"	"	"	"	"	"

TABLE 1. CONTINUED
LIST OF TEST RUNS
MEASUREMENT OF VIBRATORY SURFACE PRESSURES

RUN NO.	CONFIGURATION/CONDITION	VTUN KNOTS	RPM MR/TR	DISK LDG. psf	MODEL ANGLES		MR HT. h/d	TAIL ROTOR
					α°	ψ°		
15	K ₃ /Effect of 45° tapered blade root cutout	160	1433/0	8	-3.5	-2.0	∞	Off
16	K ₂ +VG ₁ /Effect of vortex generators on forward crown	"	"	"	"	"	"	"
17	K ₂ /Autorotation	60	"	"	21	0	"	"
18	K ₂ +S ₃ /Effect of lower longitudinal strakes	160	"	"	-3.5	-2.0	"	"
19	K ₄ /Rotor raised 2.5 inches	"	"	"	"	"	"	"
20	K ₄ +S ₃ /Lower strakes added to raised rotor	"	"	"	"	"	"	"
21	K ₅ /Rotor raised 5.0 inches	"	"	"	"	"	"	"
22	K ₅ +S ₃ /Lower strakes with rotor in highest position	"	"	"	"	"	"	"
23	K ₂ /Autorotation at maximum speed	"	"	"	"	"	"	"

TABLE 1. CONTINUED
LIST OF TEST RUNS
MEASUREMENT OF VIBRATORY SURFACE PRESSURES

RUN NO.	CONFIGURATION/CONDITION		VTUN KNOTS	RPM MR/TR	DISK LDG. psf	MODEL ANGLES		MR HT. h/d	TAIL ROTOR
						α°	ψ°		
24	K ₂ /Level flight speed sweep		20	1433/0	8	5.3	0	∞	Off
25	"	"	30	"	"	5.0	"	"	"
26	"	"	40	"	"	4.4	"	"	"
27	"	"	50	"	"	3.5	"	"	"
28	"	"	60	"	"	2.2	-6.5	"	"
29	"	"	80	"	"	0.2	-3.2	"	"
30	"	"	100	"	"	-0.6	-2.3	"	"
31	"	"	120	"	"	-1.6	-2.2	"	"
32	"	"	140	"	"	-2.7	-2.1	"	"
33	"	"	160	"	"	-3.5	-1.9	"	"

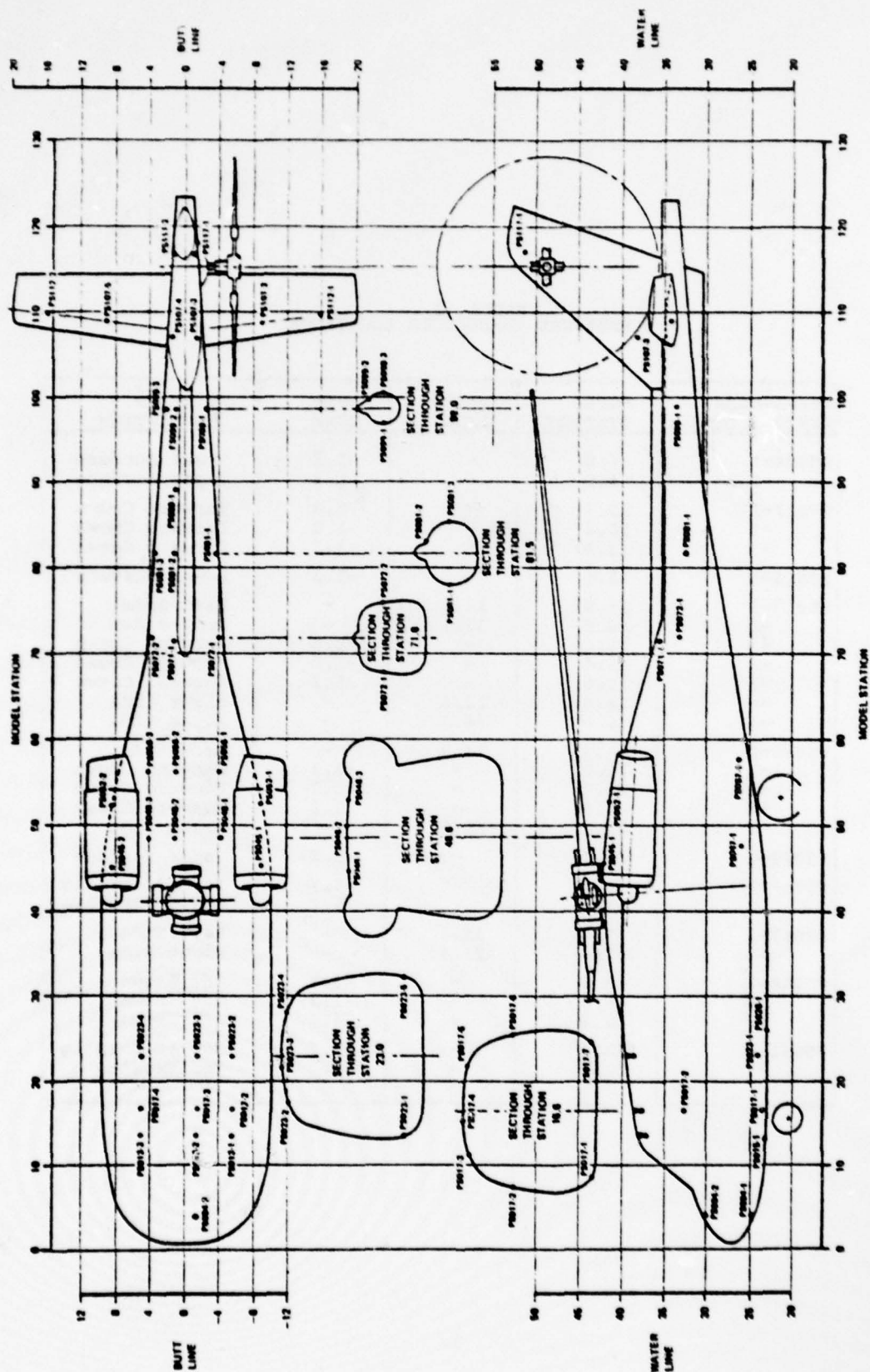


FIGURE 1 - 1/4.85 SCALE MODEL GEOMETRY AND SURFACE PRESSURE TRANSDUCER LOCATIONS

TABLE 2
PRESSURE TRANSDUCER LOCATIONS

TRANSDUCER DESIGNATION	MODEL STATION	WATER LINE	BUTT LINE	LOCATION DESCRIPTION
PS004-1	4.0	-	-1.2	Lower Surface
-2	4.0	-	-1.2	Upper Surface
PS013-1	13.4	-	-5.3	Forward Crown
-2	13.4	-	-1.2	Forward Crown
-3	13.4	-	5.2	Forward Crown
PS015-1	13.4	-	-1.2	Lower Surface
PS017-1	16.6	24.2	-	Left Side
-2	16.6	33.4	-	Left Side
-3	16.6	-	-5.3	Forward Crown
-4	16.6	-	-1.2	Forward Crown
-5	16.6	-	5.2	Forward Crown
-6	16.6	33.4	-	Right Side
-7	16.6	24.2	-	Right Side
PS023-1	23.0	25.9	-	Left Side
-2	23.0	-	-5.3	Forward Crown
-3	23.0	-	-1.2	Forward Crown
-4	23.0	-	5.2	Forward Crown
-5	23.0	25.9	-	Right Side
PS026-1	26.0	-	-1.2	Under Surface
PS045-1	45.4	-	-8.7	Top of Nacelle
-2	45.4	-	8.7	Top of Nacelle
PS047-1	47.4	26.6	-	Left Side
-2	47.4	26.6	-	Right Side
PS048-1	48.6	-	-3.9	Aft Crown
-2	48.6	-	1.2	Aft Crown
-3	48.6	-	4.4	Aft Crown
PS052-1	52.6	-	-8.7	Top of Nacelle
-2	52.6	-	8.7	Top Nacelle

TABLE 2 (CONTINUED)
PRESSURE TRANSDUCER LOCATIONS

TRANSDUCER DESIGNATION	MODEL STATION	WATER LINE	BUTT LINE	LOCATION DESCRIPTION
PS056-1	56.2	-	-3.9	Aft Crown
-2	56.2	-	1.2	Aft Crown
-3	56.2	-	4.4	Aft Crown
PS057-1	57.4	27.0	-	Left Side
-2	57.4	27.0	-	Right Side
PS071-1	71.4	-	1.2	Top Surface
PS072-1	71.6	28.9	-	Left Side
-2	71.6	28.9	-	Right Side
PS081-1	81.5	28.9	-	Left Side
-2	81.5	-	1.2	Top Surface
-3	81.5	28.9	-	Right Side
PS089-1	89.4	-	1.2	Top Surface
PS099-1	99.0	28.9	-	Left Side
-2	99.0	-	1.2	Top Surface
-3	99.0	28.9	-	Right Side
PS107-1	109.5	-	-8.6	Lower Surf. - Stab.
-2	109.5	-	-8.6	Upper Surf. - Stab.
-3	109.5	38.7	-	Left Side - Fin
-4	109.5	38.7	-	Right Side - Fin
-5	109.5	-	8.6	Upper Surf. - Stab.
-6	109.5	-	8.6	Lower Surf. - Stab.
PS112-1	110.3	-	-15.9	Upper Surf. - Stab.
-2	110.3	-	15.9	Upper Surf. - Stab.
PS117-1	117.0	47.7	-	Left Side - Fin
-2	117.0	47.7	-	Right Side - Fin

UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

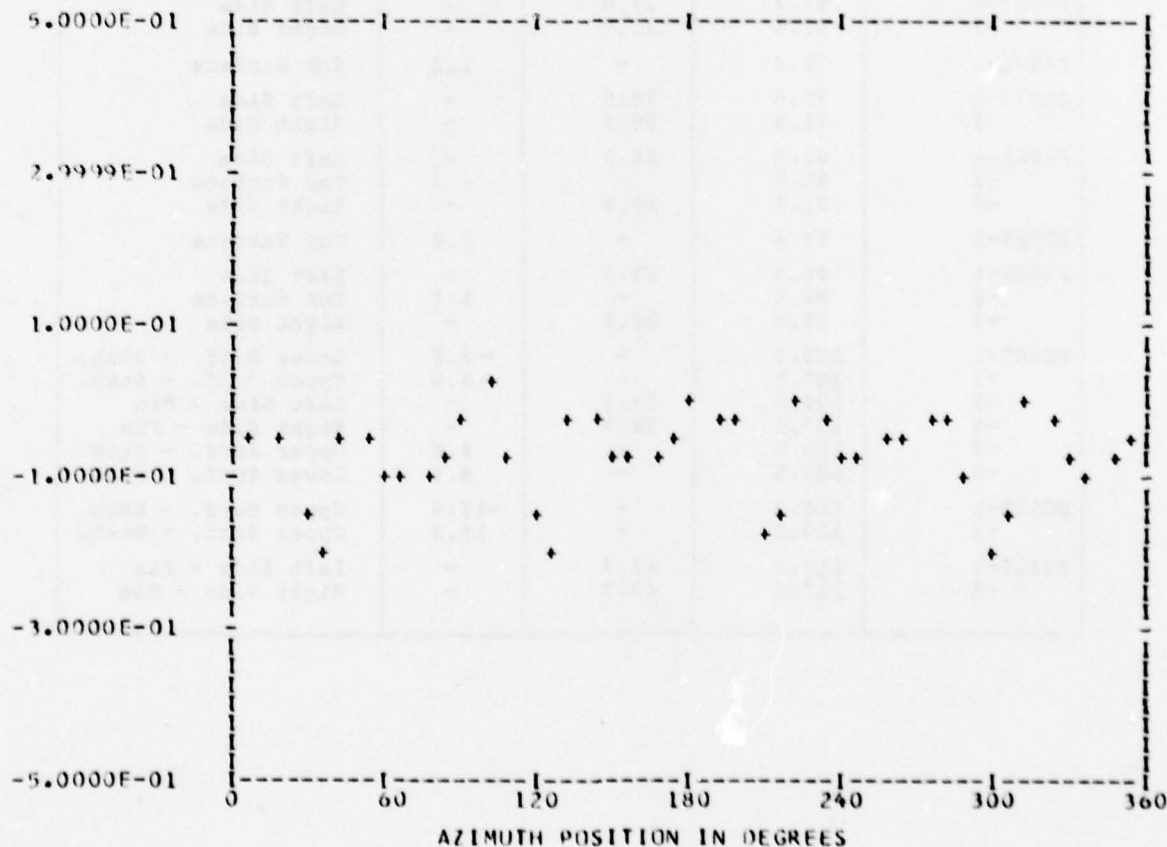
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 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 15
 TP 11
 CHAN 58

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.71887E-01	1	-0.84087E-02	-0.44365E-02	0.95073E-02	242.1
	2	0.21651E-02	0.14625E-03	0.21700E-02	86.1
	3	0.30901E-02	-0.70114E-02	0.76621E-02	156.2
	4	0.76280E-02	-0.28476E-01	0.29480E-01	165.0
	5	-0.17498E-03	0.71145E-02	0.71166E-02	358.5
	6	-0.24087E-03	0.52733E-02	0.52788E-02	357.3
	7	0.41257E-02	-0.17808E-02	0.44936E-02	113.3
	8	0.53397E-01	-0.23892E-01	0.58498E-01	114.1
	9	-0.58425E-02	0.67210E-02	0.89055E-02	318.9
	10	-0.53940E-02	0.50965E-02	0.74209E-02	313.3

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UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

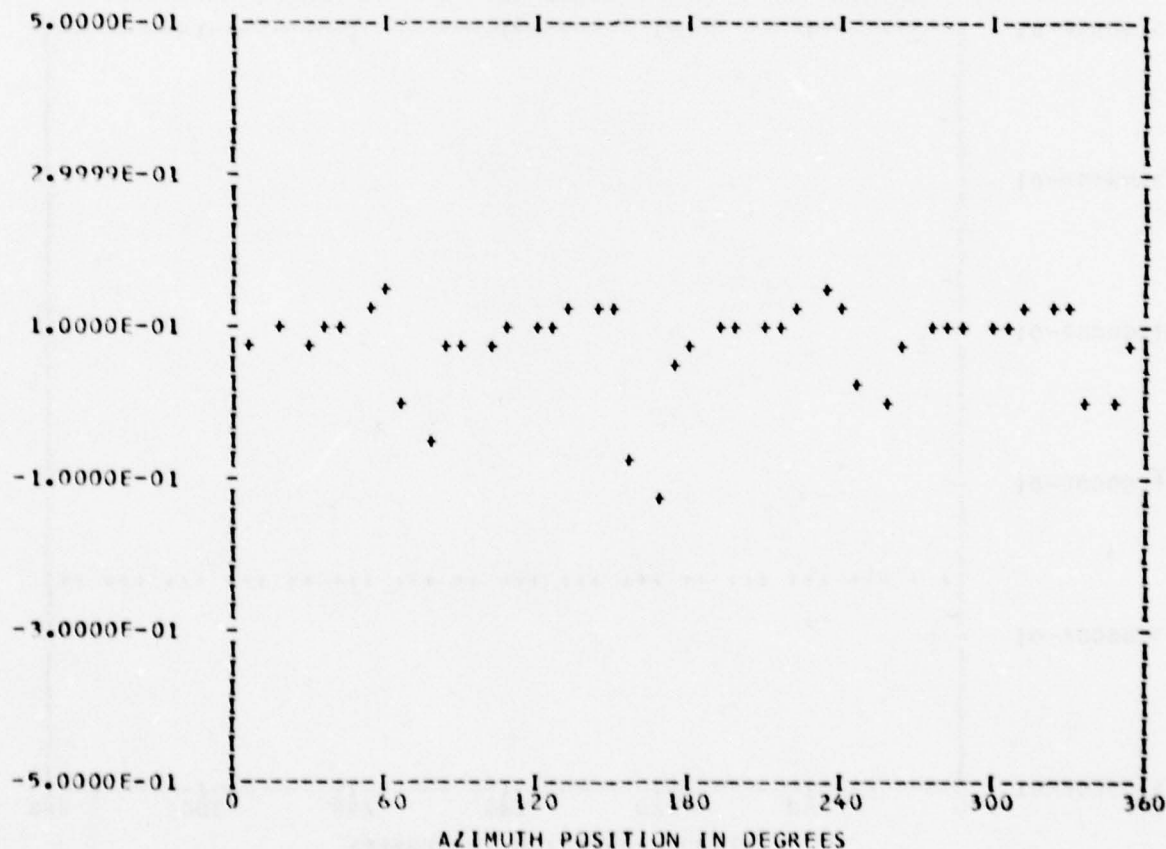
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 OUT OF RANGE 0
 BANDEDGE 0

RUN 15
 TP 11
 CHAN 49

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.77606E-01	1	0.38134E-02	-0.97608E-02	0.13151E-01	137.9
	2	-0.10020E-01	0.80538E-02	0.12856E-01	308.7
	3	0.49565E-02	-0.81043E-02	0.95003E-02	148.5
	4	-0.21617E-01	0.45830E-01	0.50673E-01	334.7
	5	-0.31738E-02	-0.11867E-01	0.12284E-01	194.9
	6	0.67470E-02	0.68196E-02	0.95932E-02	44.6
	7	-0.52741E-02	-0.53506E-02	0.75130E-02	224.5
	8	0.46859E-01	0.81060E-02	0.47554E-01	80.1
	9	-0.56406E-02	0.15064E-02	0.58383E-02	284.9
	10	0.12285E-02	-0.52405E-02	0.53826E-02	166.8

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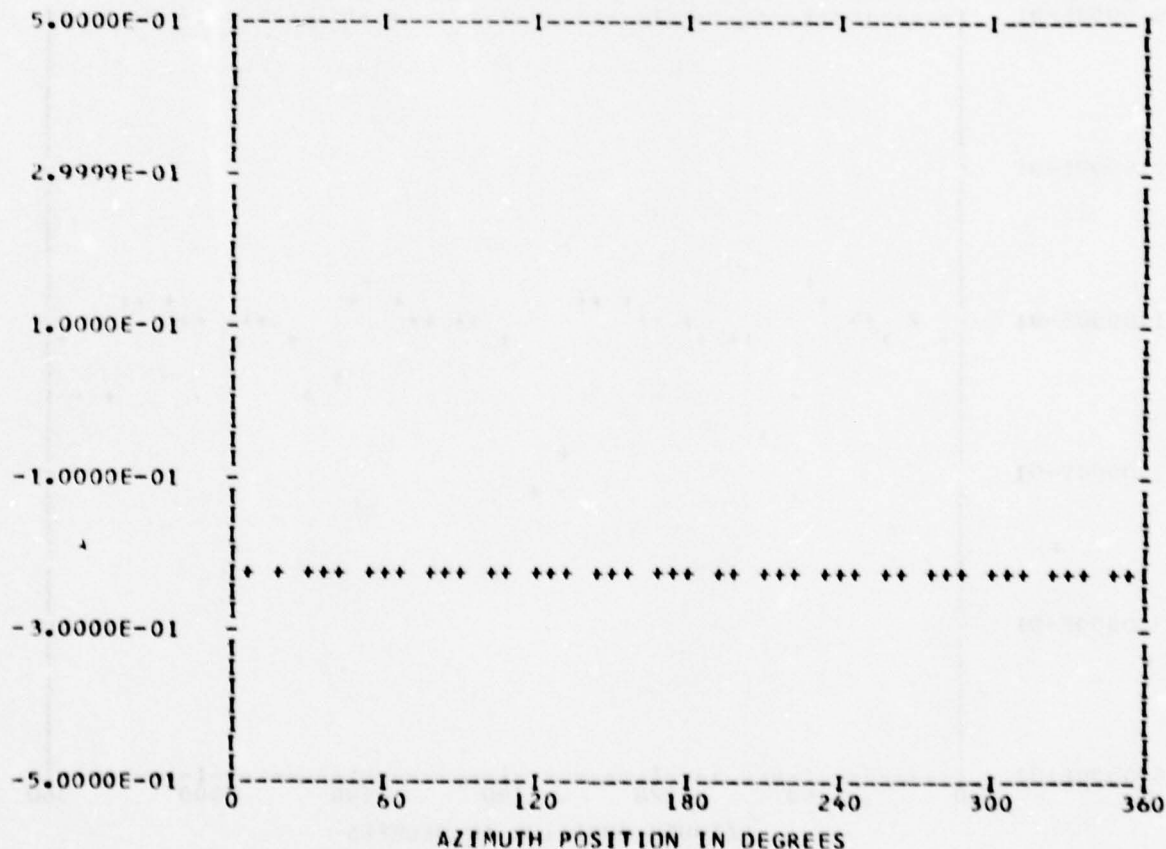
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RUN 15
TP 11
CHAN 54

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2 0.14398E-03 0.27953E-02 0.27990E-02 2.9
3 -0.18549E-03 0.11008E-02 0.11164E-02 350.4
4 -0.27761E-02 -0.15714E-02 0.31900E-02 240.4
5 -0.50967E-03 0.91756E-03 0.10671E-02 331.4
6 -0.11896E-02 -0.21418E-03 0.12087E-02 259.7
7 -0.11929E-02 0.42339E-03 0.12658E-02 289.5
8 -0.96500E-04 0.22362E-02 0.22383E-02 357.5
9 -0.25726E-04 -0.63927E-03 0.63979E-03 182.1
10 -0.74226E-03 -0.45182E-03 0.86896E-03 238.6
    
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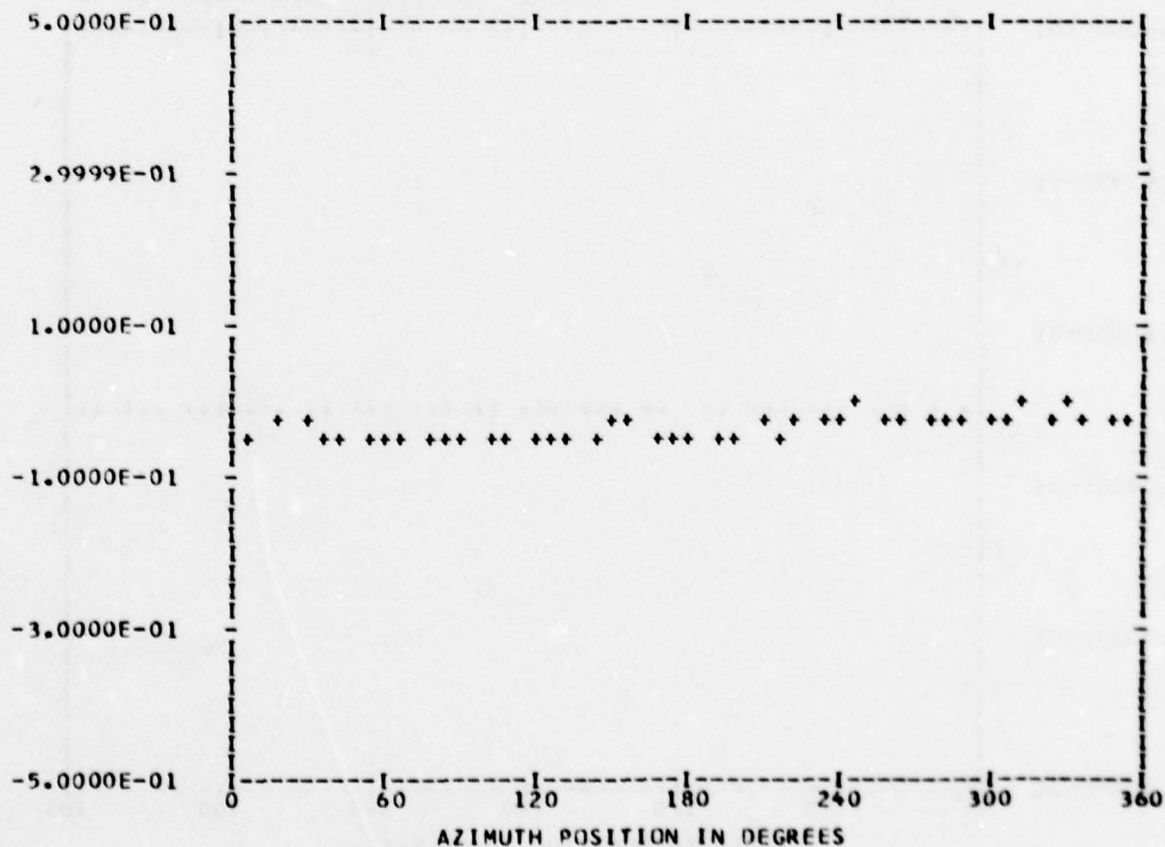
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 OUT OF RANGE 0
 BANDEDGE 0

RUN 15
 TP 11
 CHAN 51

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.32358E-01	1	0.48384E-02	-0.14880E-01	0.15647E-01	161.9
	2	-0.12435E-02	-0.38768E-02	0.40713E-02	197.7
	3	0.21568E-02	-0.73859E-03	0.22796E-02	108.9
	4	-0.31517E-02	-0.32212E-02	0.45066E-02	224.3
	5	0.90015E-04	0.11248E-02	0.11284E-02	4.5
	6	-0.32732E-03	-0.39965E-03	0.51659E-03	219.3
	7	-0.34628E-03	-0.27138E-03	0.43995E-03	231.9
	8	0.11348E-03	0.18830E-02	0.18864E-02	3.4
	9	0.78018E-04	-0.18568E-02	0.18585E-02	177.5
	10	-0.10688E-02	-0.49062E-03	0.11760E-02	245.3

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UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

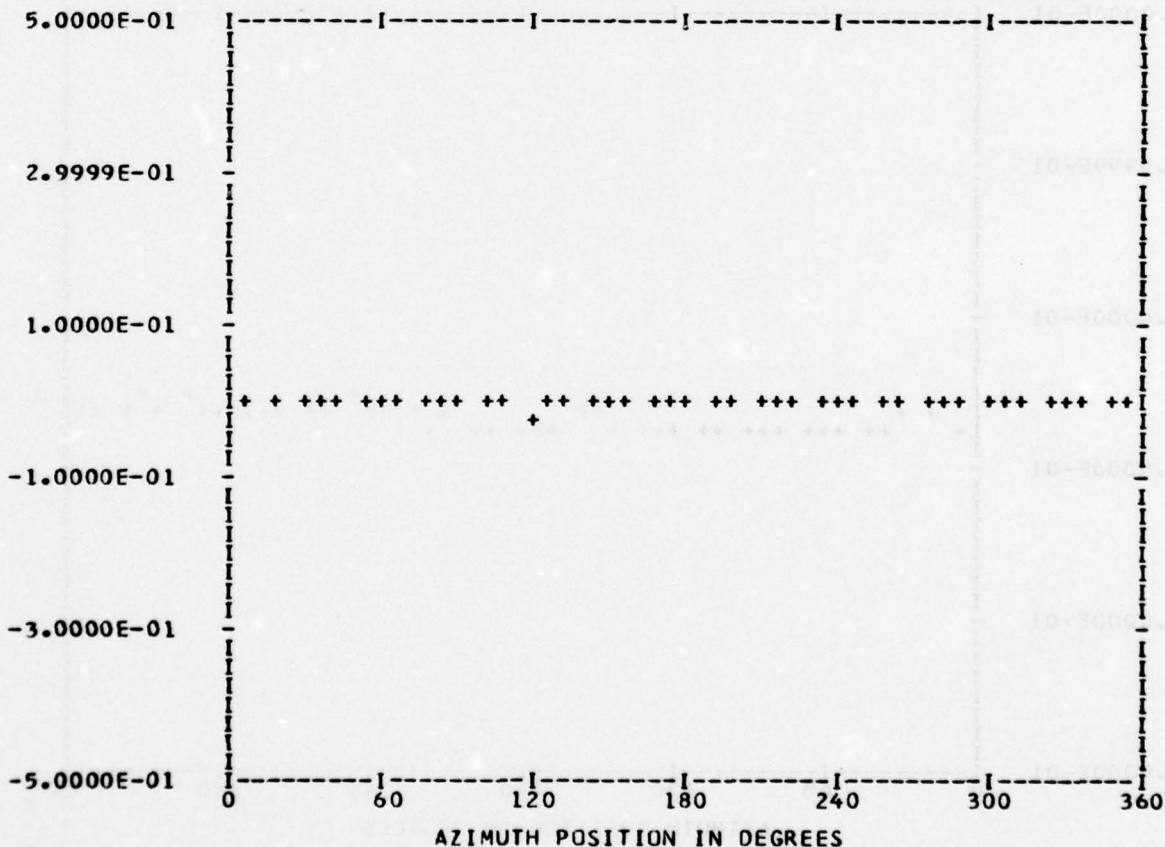
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 BANDEDGE 0

RUN 15
 TP 11
 CHAN 59

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.21871E-02	1	0.38557E-03	-0.10207E-02	0.10911E-02	159.3
	2	0.88212E-03	0.63035E-03	0.10842E-02	54.4
	3	-0.85838E-03	0.74606E-03	0.11372E-02	310.9
	4	-0.31119E-03	-0.29690E-03	0.10443E-02	197.3
	5	0.12043E-02	-0.10504E-03	0.12089E-02	94.9
	6	-0.26112E-03	0.10567E-02	0.10885E-02	346.1
	7	-0.93154E-03	-0.62314E-03	0.11207E-02	236.2
	8	0.87786E-03	-0.74092E-03	0.11487E-02	130.1
	9	0.36301E-03	0.10214E-02	0.10840E-02	19.5
	10	-0.10411E-02	0.59708E-04	0.10428E-02	273.2

MAX=-0.11215E-02 MIN=-0.25924E-01 PEAK TO PEAK/2= 0.12401E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

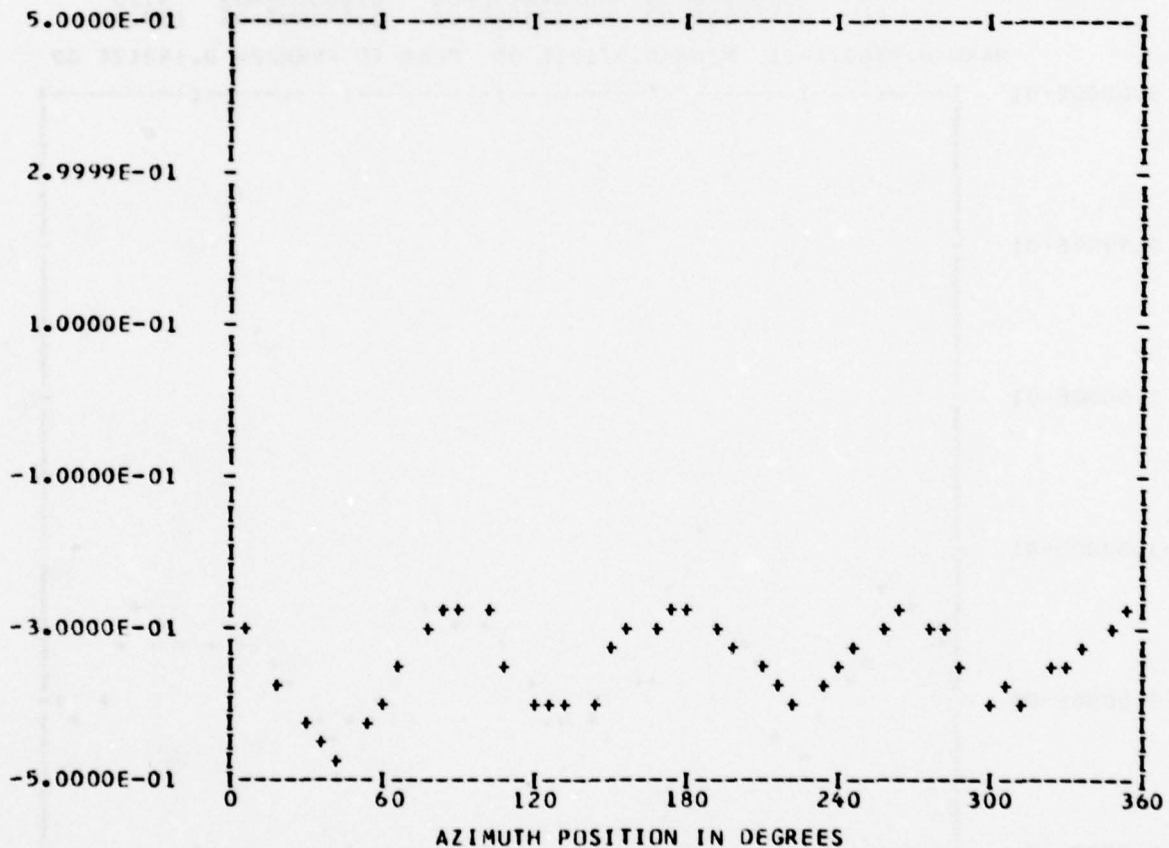
*** PS048.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 1

RUN 15
 TP 11
 CHAN 61

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.34279E 00	1	-0.13460E-01	-0.42554E-02	0.14117E-01	252.4
	2	0.14386E-02	-0.94566E-02	0.95654E-02	171.3
	3	-0.40722E-02	-0.14266E-01	0.14835E-01	195.9
	4	0.37703E-01	-0.55763E-01	0.67313E-01	145.9
	5	0.68687E-02	0.24388E-02	0.72888E-02	70.4
	6	0.19539E-02	0.66553E-02	0.69362E-02	16.3
	7	0.41617E-02	-0.35662E-02	0.54806E-02	130.5
	8	0.29291E-02	-0.19593E-02	0.35240E-02	123.7
	9	0.32669E-03	-0.21207E-02	0.21457E-02	171.2
	10	0.21627E-02	-0.10620E-02	0.24094E-02	116.1

MAX=-0.26722E 00 MIN=-0.44630E 00 PEAK TO PEAK/2= 0.89541E-01



BBBB A N N DDDD EEEEE DDDD GGGG EEEEE
 B B A A N N D D E E D D G G E E
 BBBB A A N N D D E E D D G G E E
 BBBB A A N N D D E E D D G G E E

UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

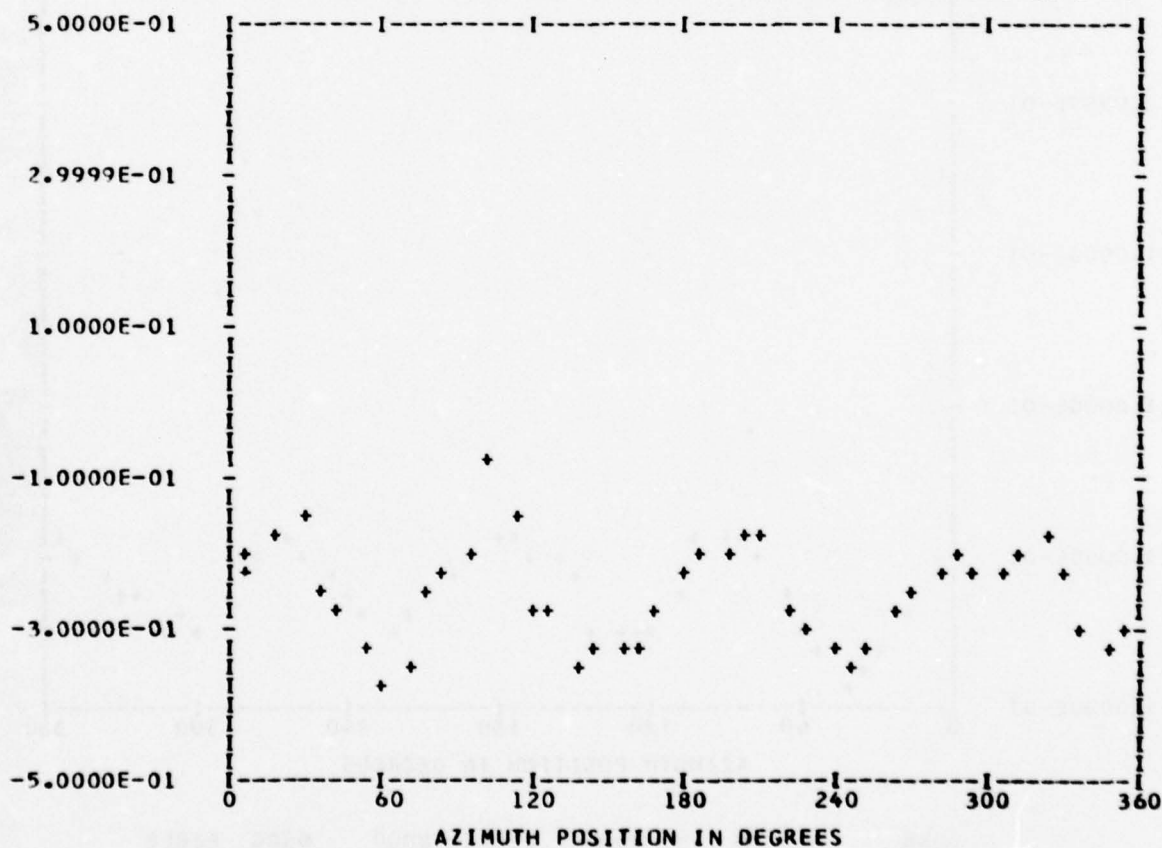
*** PS048.3 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 43
 OUT OF RANGE 0
 BANDEDGE 0

RUN 15
 TP 11
 CHAN 47

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.25337E 00	1	0.11861E-01	-0.32964E-02	0.12310E-01	105.5
	2	0.33572E-02	-0.10106E-01	0.10649E-01	161.6
	3	-0.12213E-01	-0.23933E-01	0.26870E-01	207.0
	4	0.41681E-01	0.60626E-01	0.73572E-01	34.5
	5	-0.16676E-01	0.26472E-01	0.31287E-01	327.7
	6	-0.18855E-01	0.13752E-01	0.23337E-01	306.1
	7	0.74159E-02	0.60540E-02	0.95733E-02	50.7
	8	0.63257E-02	0.63164E-02	0.89393E-02	45.0
	9	0.80222E-03	0.64815E-03	0.10313E-02	51.0
	10	0.45533E-02	-0.12399E-01	0.13209E-01	159.8

MAX=-0.87427E-01 MIN=-0.37177E 00 PEAK TO PEAK/2= 0.14217E 00



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

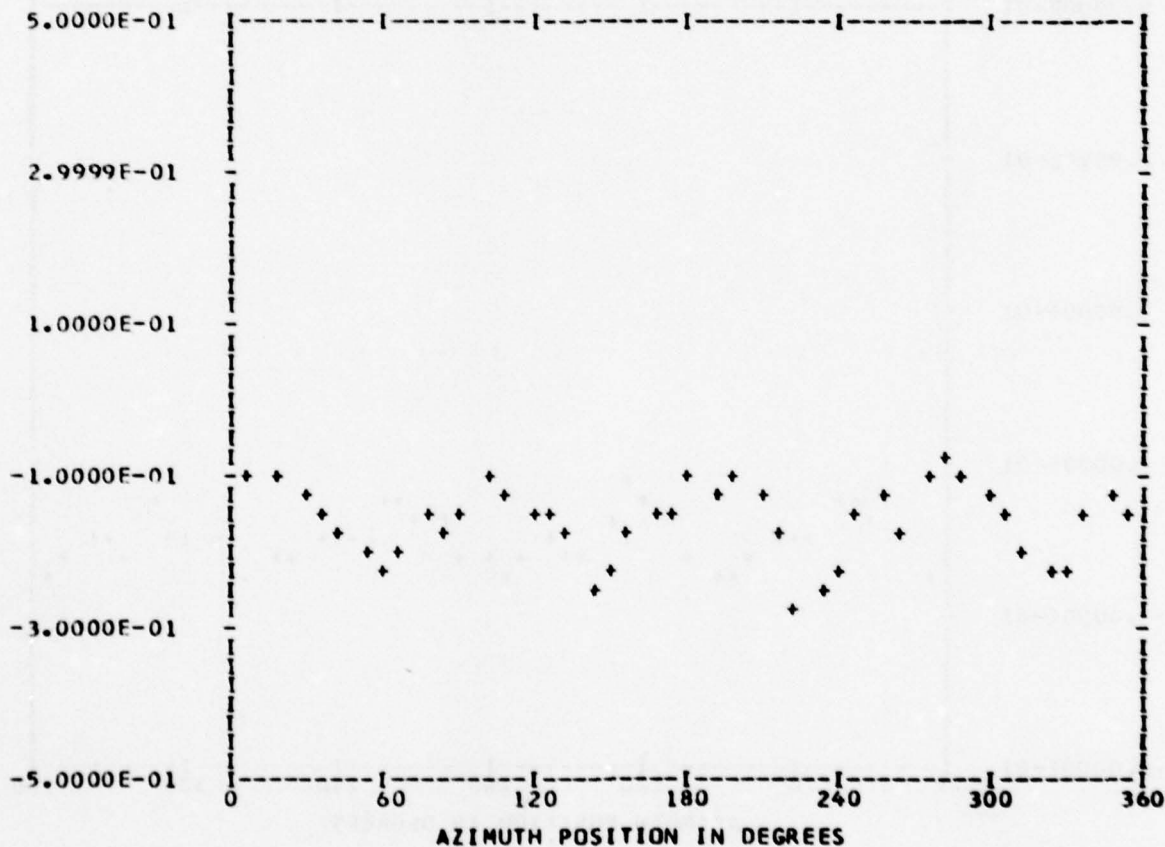
*** PS052.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 15
 TP 11
 CHAN 57

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.15795E 00	1	0.10333E-01	-0.14808E-02	0.10439E-01	98.1
	2	0.30265E-02	-0.33773E-02	0.45350E-02	138.1
	3	0.18126E-02	0.81528E-02	0.83519E-02	12.5
	4	0.56736E-01	0.91643E-02	0.57471E-01	80.8
	5	-0.10080E-01	-0.24016E-02	0.10362E-01	256.5
	6	0.40001E-03	0.20734E-02	0.21117E-02	10.9
	7	-0.29915E-02	-0.57514E-02	0.64829E-02	207.4
	8	-0.13424E-01	-0.98422E-02	0.16646E-01	306.2
	9	0.77032E-02	-0.15435E-02	0.78642E-02	101.6
	10	-0.42803E-02	0.12135E-03	0.42820E-02	271.6

MAX=-0.85862E-01 MIN=-0.26827E 00 PEAK TO PEAK/2= 0.01203E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

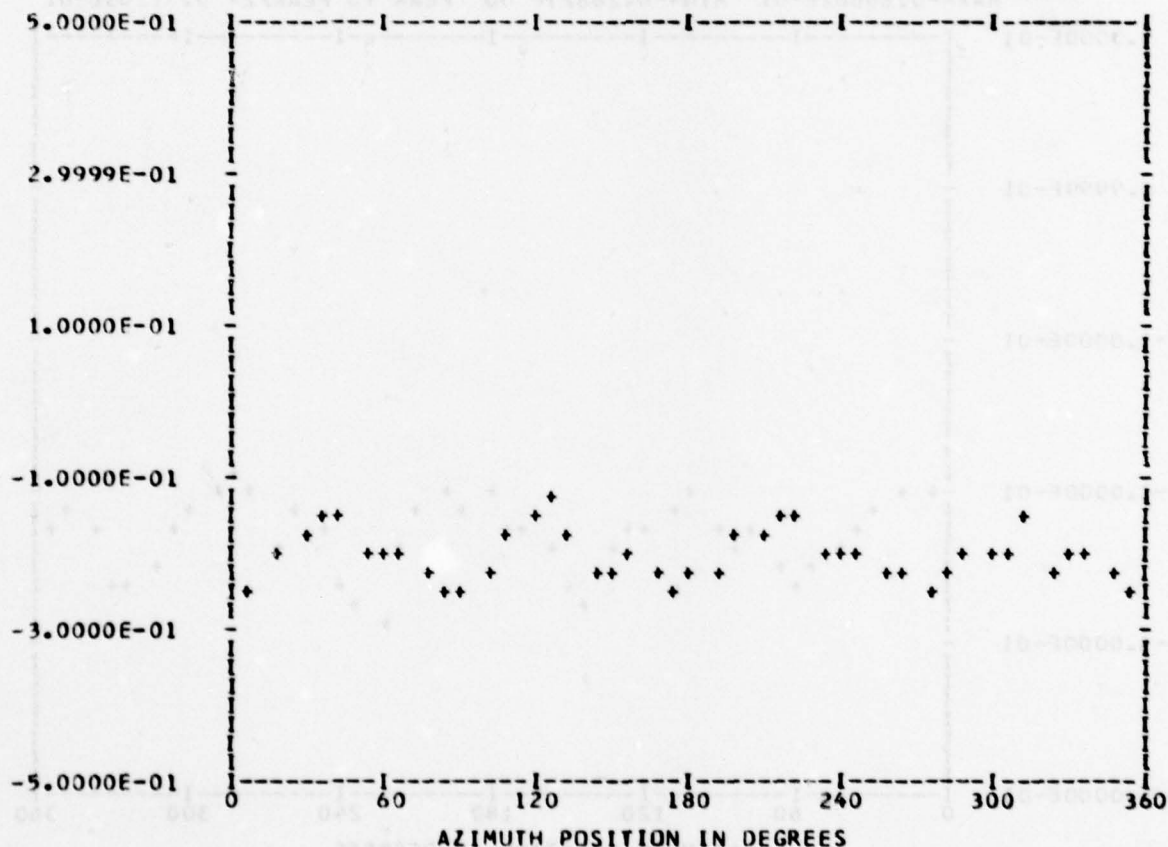
*** PS052.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BandedGE 0

RUN 15
 TP 11
 CHAN 50

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.20321E 00	1	-0.41255E-02	0.27680E-02	0.49680E-02	303.8
	2	-0.79609E-03	0.50369E-02	0.50995E-02	351.0
	3	0.10439E-02	-0.30709E-02	0.32434E-02	161.2
	4	-0.25670E-01	0.25337E-01	0.36069E-01	314.6
	5	-0.81426E-02	-0.39578E-02	0.90535E-02	244.0
	6	0.28828E-02	-0.31644E-02	0.42806E-02	137.6
	7	0.32769E-03	0.37077E-02	0.37221E-02	5.0
	8	-0.12478E-01	-0.45213E-02	0.13272E-01	250.0
	9	0.1074E-02	-0.41108E-02	0.15780E-02	17.2
	10	-0.70999E-03	0.39846E-03	0.81416E-03	799.3

MAX=-0.12403E 00 MIN=-0.24534E 00 PEAK TO PEAK/2= 0.60658E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

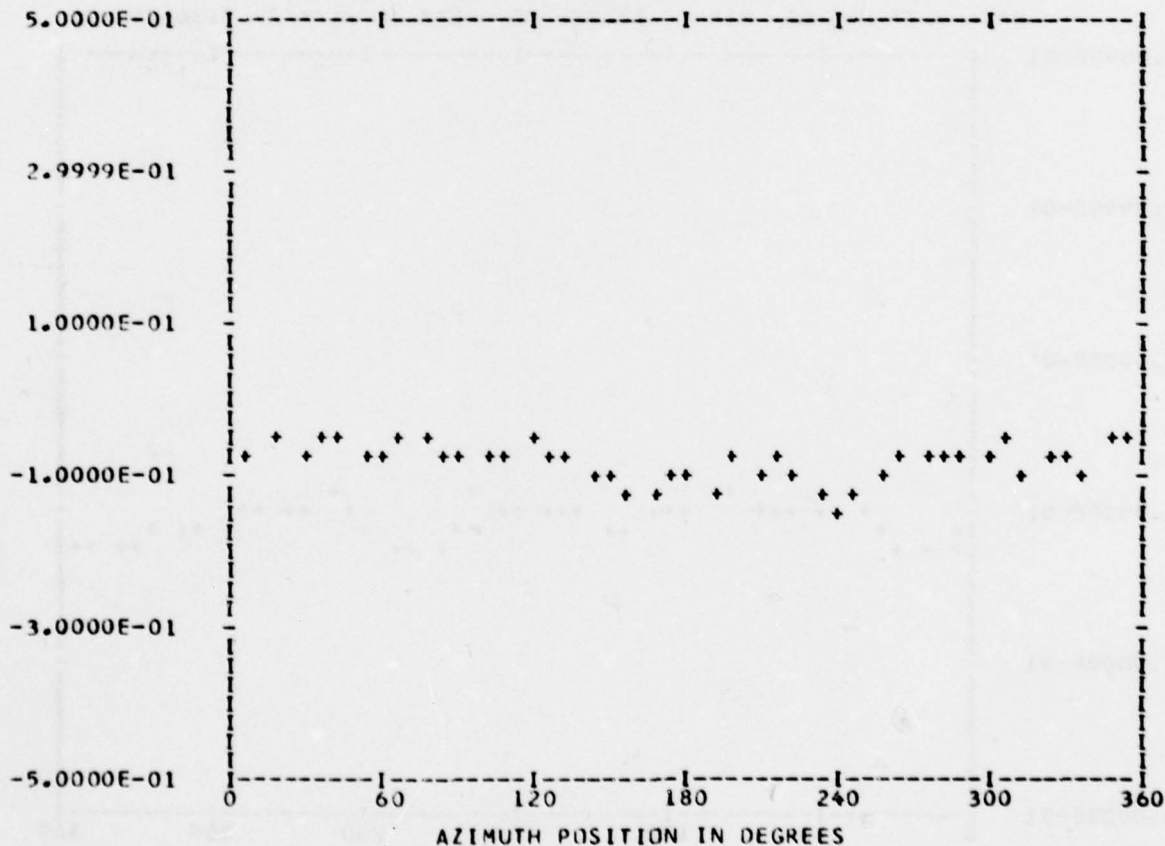
*** PS056.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANNEDGE 0

RUN 15
 TP 11
 CHAN 60

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.82218E-01	1	0.23897E-01	0.90059E-02	0.25537E-01	69.3
	2	-0.47150E-02	-0.30157E-02	0.55969E-02	237.3
	3	-0.23712E-02	0.33268E-03	0.23944E-02	277.9
	4	0.88786E-02	0.93088E-02	0.12864E-01	43.6
	5	-0.86564E-03	-0.11754E-01	0.11786E-01	184.2
	6	-0.44276E-03	0.13931E-02	0.14618E-02	342.3
	7	0.70049E-02	-0.13954E-02	0.24430E-02	124.8
	8	-0.63645E-02	-0.37942E-02	0.74097E-02	239.1
	9	-0.24221E-02	0.34420E-02	0.42088E-02	324.8
	10	0.20212E-02	-0.15303E-02	0.25352E-02	127.1

MAX=-0.45167E-01 MIN=-0.14944E 00 PEAK TO PEAK/2= 0.52138E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

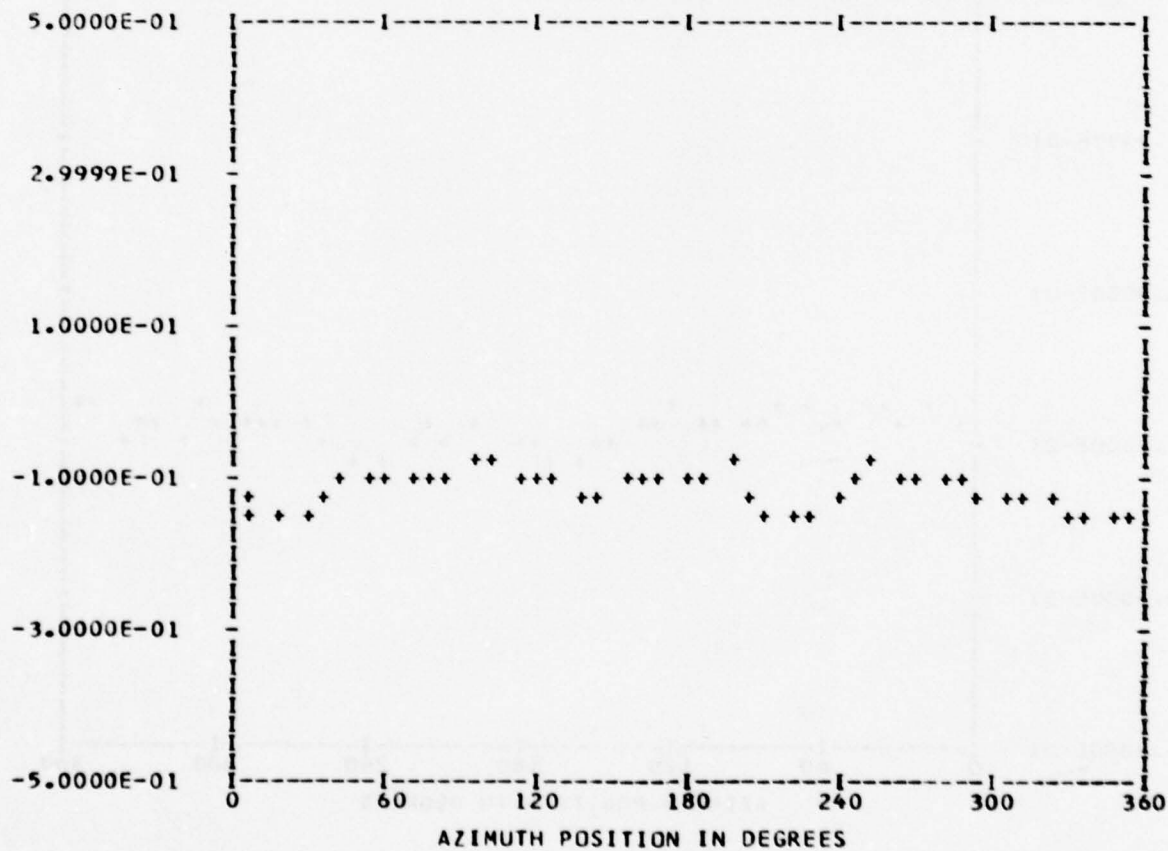
*** PS056.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 43
 OUT OF RANGE 0
 BANDEGE 0

RUN 15
 TP 11
 CHAN 45

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.11439E 00	1	-0.10489E-01	0.77442E-02	0.13038E-01	306.4
	2	-0.18899E-01	-0.30865E-03	0.18901E-01	269.0
	3	-0.54200E-02	0.62174E-02	0.82482E-02	318.9
	4	0.11951E-01	-0.42365E-02	0.12679E-01	109.5
	5	-0.71699E-02	-0.26785E-02	0.76297E-02	350.0
	6	0.11856E-02	-0.32578E-04	0.11861E-02	91.5
	7	0.15977E-02	-0.30481E-02	0.34415E-02	152.3
	8	-0.71478E-03	0.11229E-02	0.13310E-02	327.5
	9	0.52070E-02	-0.25063E-03	0.52130E-02	92.7
	10	-0.86609E-03	0.23969E-02	0.25486E-02	340.1

MAX=-0.77984E-01 MIN=-0.15133E 00 PEAK TO PEAK/2= 0.36674E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

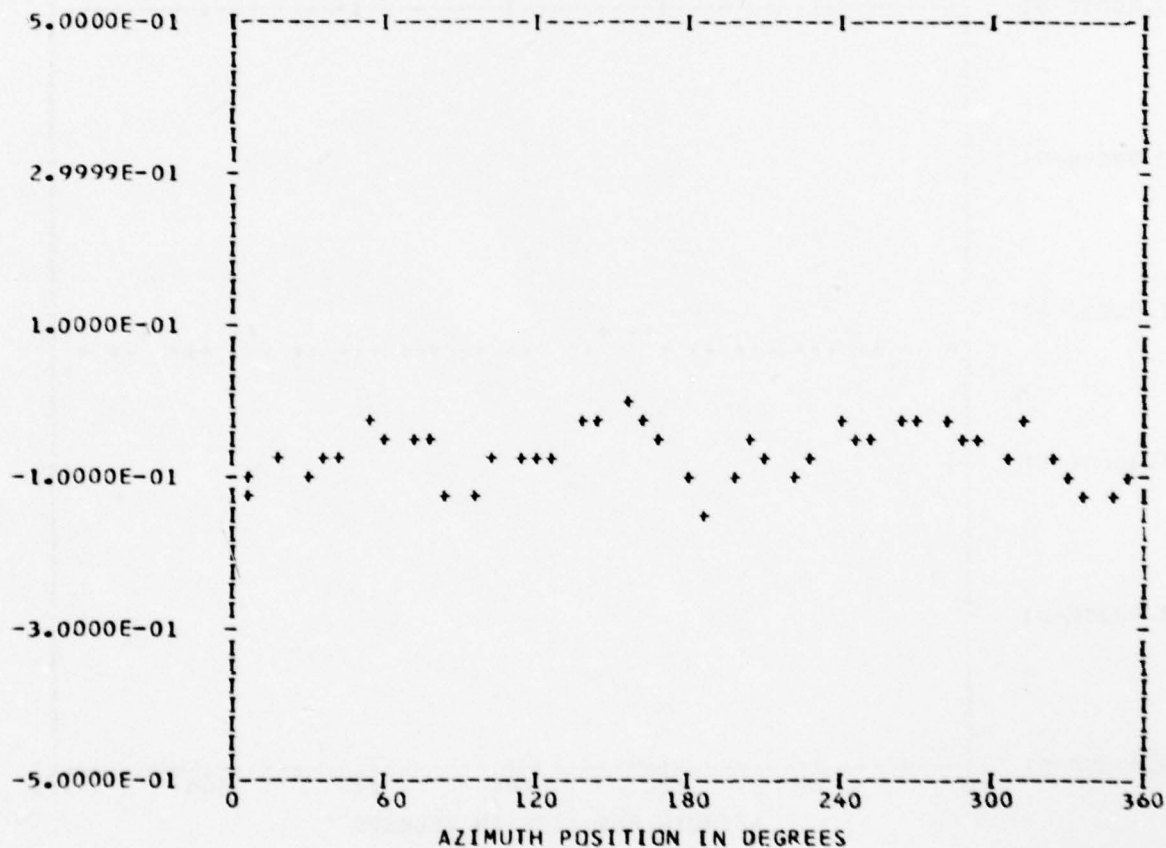
*** PS056.3 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 43
 OUT OF RANGE 0
 Bandedge 0

RUN 15
 TP 11
 CHAN 48

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.70977E-01	1	-0.12229E-01	-0.77204E-02	0.13112E-01	299.8
	2	-0.15565E-01	0.11109E-02	0.15705E-01	274.0
	3	-0.12211E-02	0.29152E-01	0.29178E-01	357.6
	4	-0.16666E-01	-0.75802E-02	0.18309E-01	245.5
	5	0.71720E-02	-0.21277E-02	0.74809E-02	106.5
	6	0.71513E-03	0.43636E-02	0.44218E-02	9.3
	7	0.11903E-01	0.69287E-03	0.11923E-01	86.6
	8	-0.29894E-02	0.57750E-02	0.65029E-02	332.6
	9	0.18846E-02	-0.64588E-02	0.67281E-02	163.7
	10	-0.84194E-02	-0.12270E-02	0.85084E-02	261.7

MAX=-0.12128E-01 MIN=-0.13871E 00 PEAK TO PEAK/2= 0.63293E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

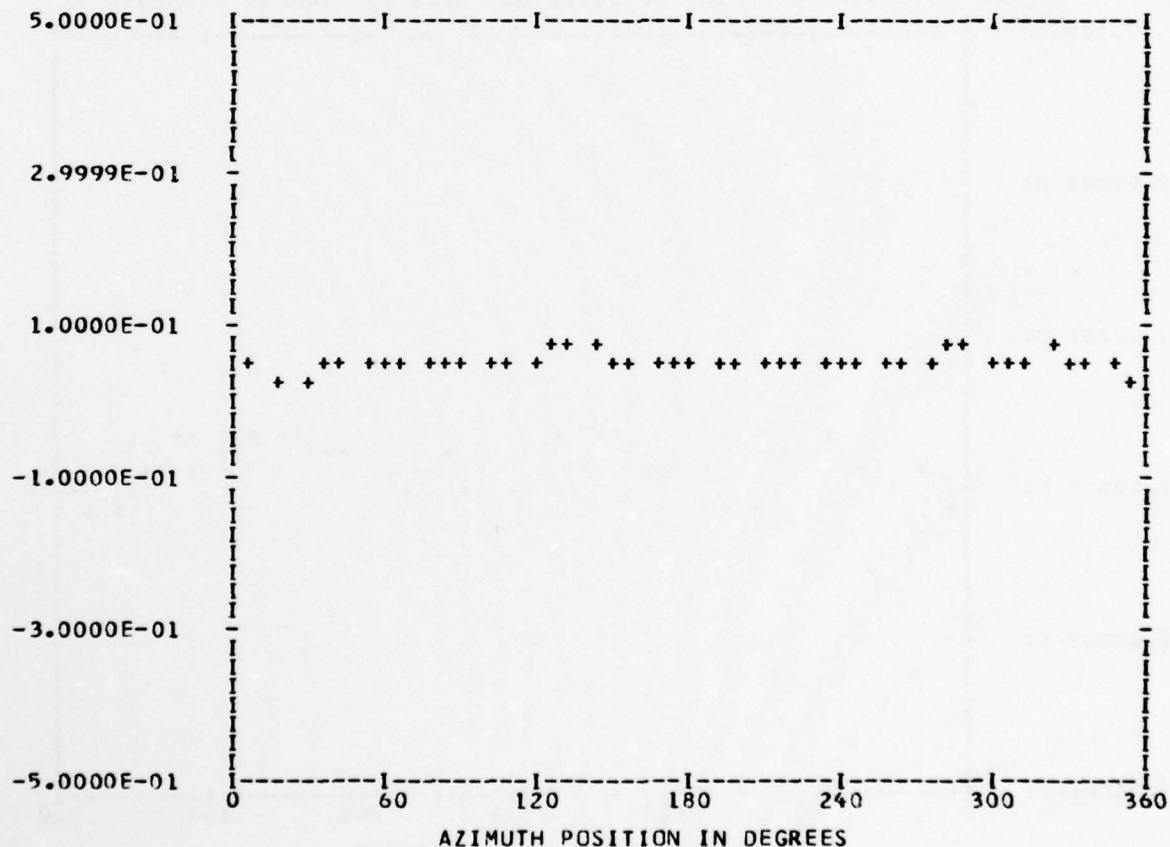
*** PS057.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BandedGE 0

RUN 15
 TP 11
 CHAN 55

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.50342E-01					
	1	-0.53027E-02	0.30410E-04	0.53028E-02	270.3
	2	-0.87111E-02	-0.57441E-02	0.10434E-01	236.5
	3	0.24487E-02	0.22363E-02	0.33163E-02	47.5
	4	-0.34993E-02	0.21270E-02	0.40950E-02	301.2
	5	0.43882E-03	-0.15848E-03	0.46657E-03	109.8
	6	0.72971E-03	-0.69563E-03	0.10081E-02	133.6
	7	-0.87291E-03	0.15414E-02	0.17714E-02	330.4
	8	0.38786E-02	-0.60214E-03	0.39251E-02	98.8
	9	0.26011E-02	-0.74843E-04	0.26021E-02	91.6
	10	-0.16298E-02	0.28764E-03	0.16550E-02	280.0

MAX= 0.81274E-01 MIN= 0.33095E-01 PEAK TO PEAK/2= 0.4088E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

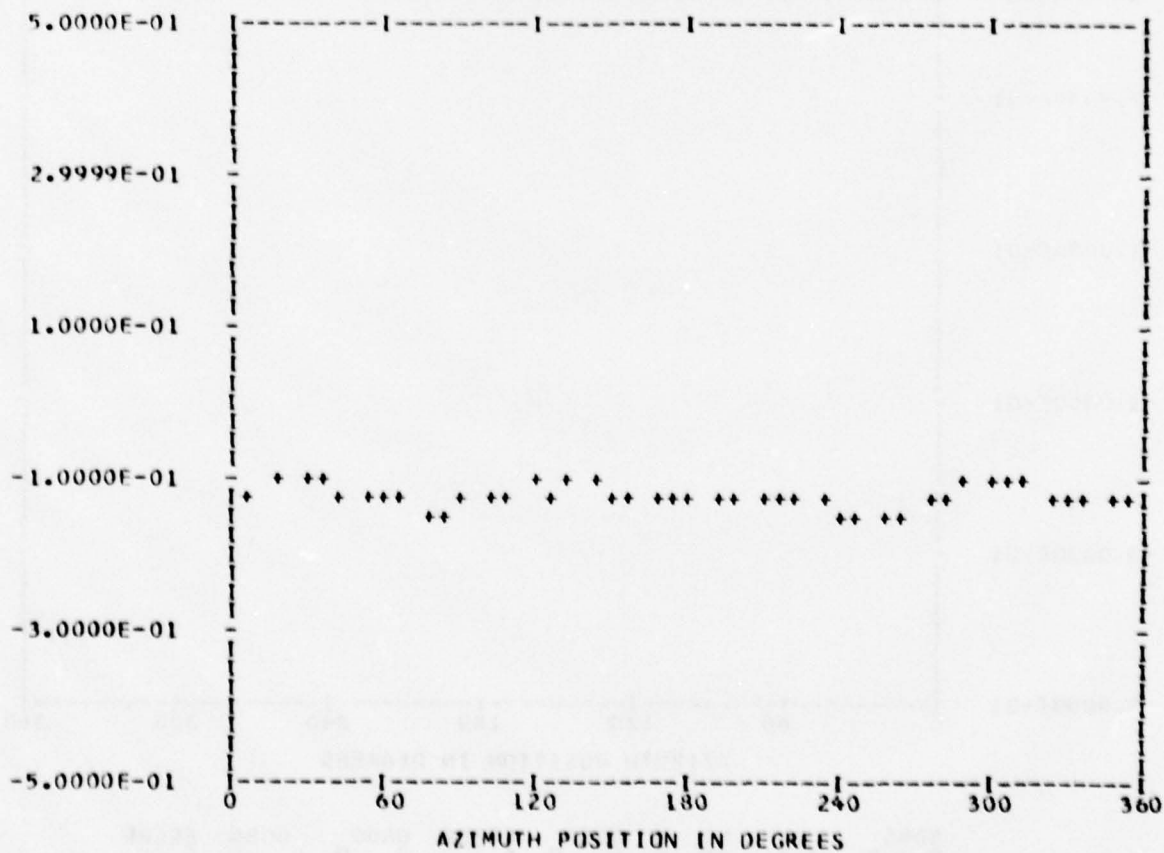
*** PS057.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BandedGE 0

RUN 15
 TP 11
 CHAN 52

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.12086E 00	1	0.29145E-02	0.10304E-02	0.30913E-02	70.5
	2	0.45880E-02	-0.72710E-02	0.85975E-02	147.7
	3	-0.11038E-02	0.56800E-02	0.57862E-02	349.0
	4	-0.30414E-02	0.12719E-01	0.13077E-01	346.5
	5	0.26249E-02	-0.16333E-02	0.30916E-02	121.8
	6	0.13632E-02	-0.96585E-03	0.16707E-02	125.3
	7	-0.99010E-04	-0.41334E-03	0.42503E-03	193.4
	8	-0.62750E-03	0.14656E-02	0.15943E-02	336.8
	9	-0.39856E-03	0.21698E-02	0.22061E-02	349.5
	10	-0.13724E-02	-0.84272E-04	0.13750E-02	266.4

MAX=-0.93699E-01 MIN=-0.14616E 00 PEAK TO PEAK/2= 0.26230E-01

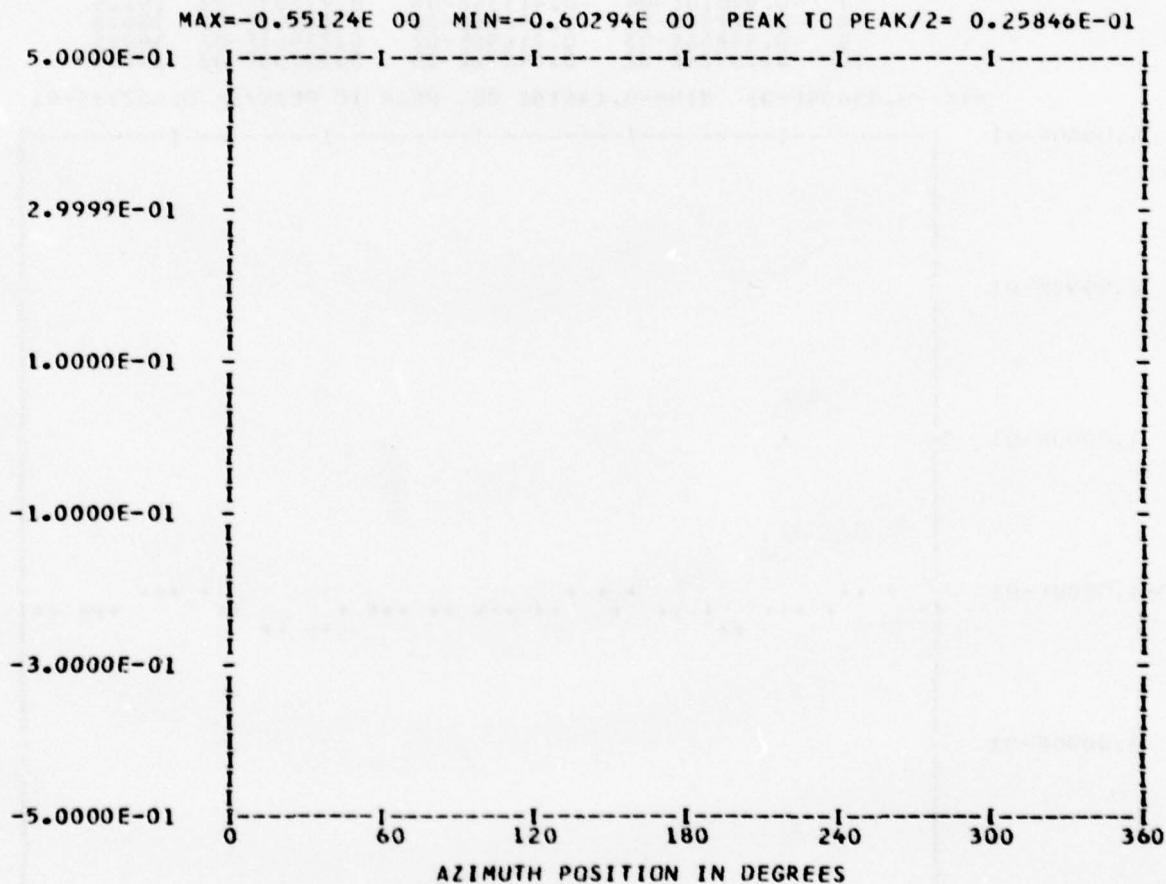


UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

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*** PS071.1 WAVEFORM ***
*** CYCLE 0 ***
*** DATA ANALYSIS ***
ENTERED 43
OUT OF RANGE 43
RANDEGE 39
RUN 15
TP 11
CHAN 46
HARMONIC ANALYSIS SKIPPED

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BBBB  A  N  N  DDDD  EEEEE  DDDD  GGGG  EEEEE
B  A  A  NN  D  D  E  D  G  E
BBBB  A  A  NN  D  D  E  D  G  E
B  A  A  NN  D  D  E  D  G  E
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UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

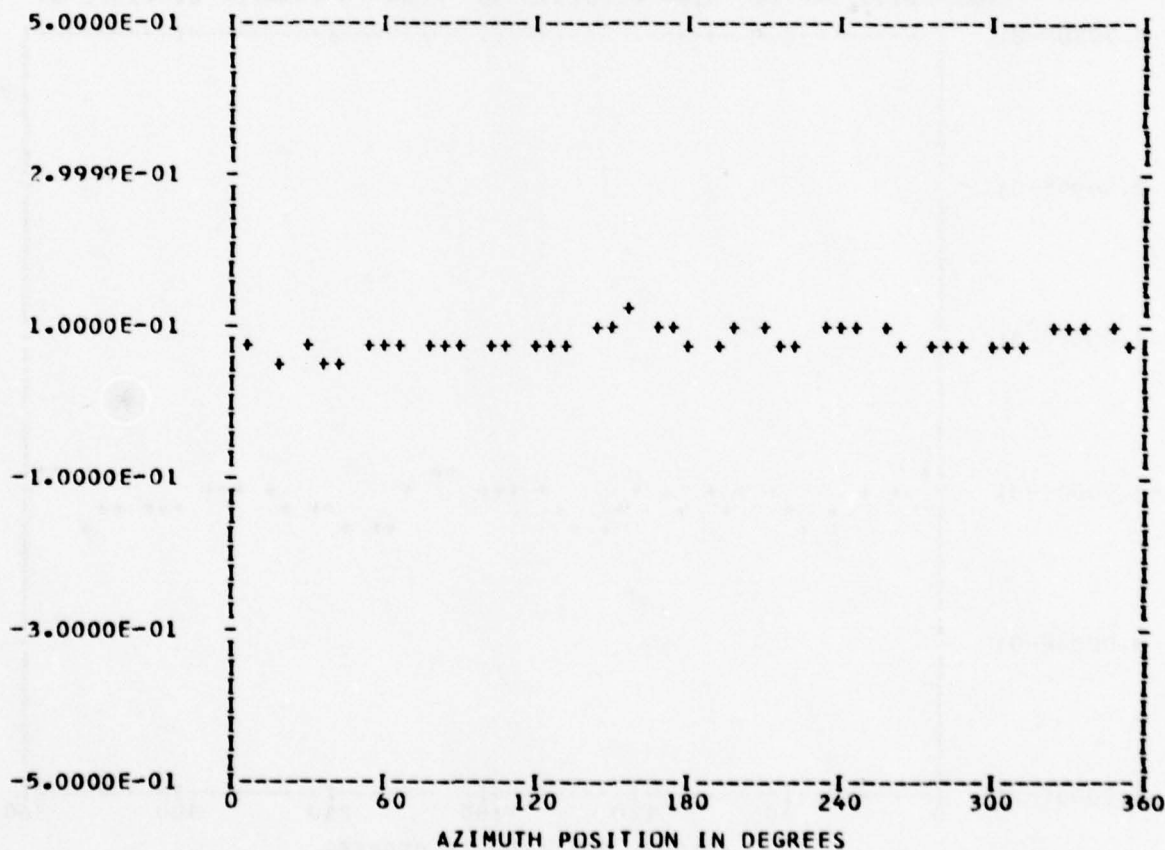
*** PS072.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANGEDGE 0

RUN 15
 TP 11
 CHAN 56

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.81671E-01	1	-0.87616E-02	-0.43507E-02	0.97824E-02	243.5
	2	0.71904E-03	-0.44290E-02	0.44870E-02	170.7
	3	-0.27823E-02	-0.11457E-02	0.30090E-02	247.6
	4	-0.56434E-02	-0.11731E-01	0.13018E-01	205.6
	5	0.57619E-03	0.61146E-03	0.84017E-03	43.2
	6	-0.22889E-02	-0.19554E-02	0.30104E-02	229.4
	7	0.14611E-03	-0.22839E-02	0.22885E-02	176.3
	8	-0.20550E-02	0.70017E-02	0.72971E-02	343.6
	9	0.58311E-03	0.72237E-04	0.58757E-03	82.9
	10	-0.40127E-02	0.75618E-04	0.40134E-02	271.0

MAX= 0.11298E 00 MIN= 0.49770E-01 PEAK TO PEAK/2= 0.31606E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

```

*** PS072.2 WAVEFORM ***
*** CYCLE 0 ***

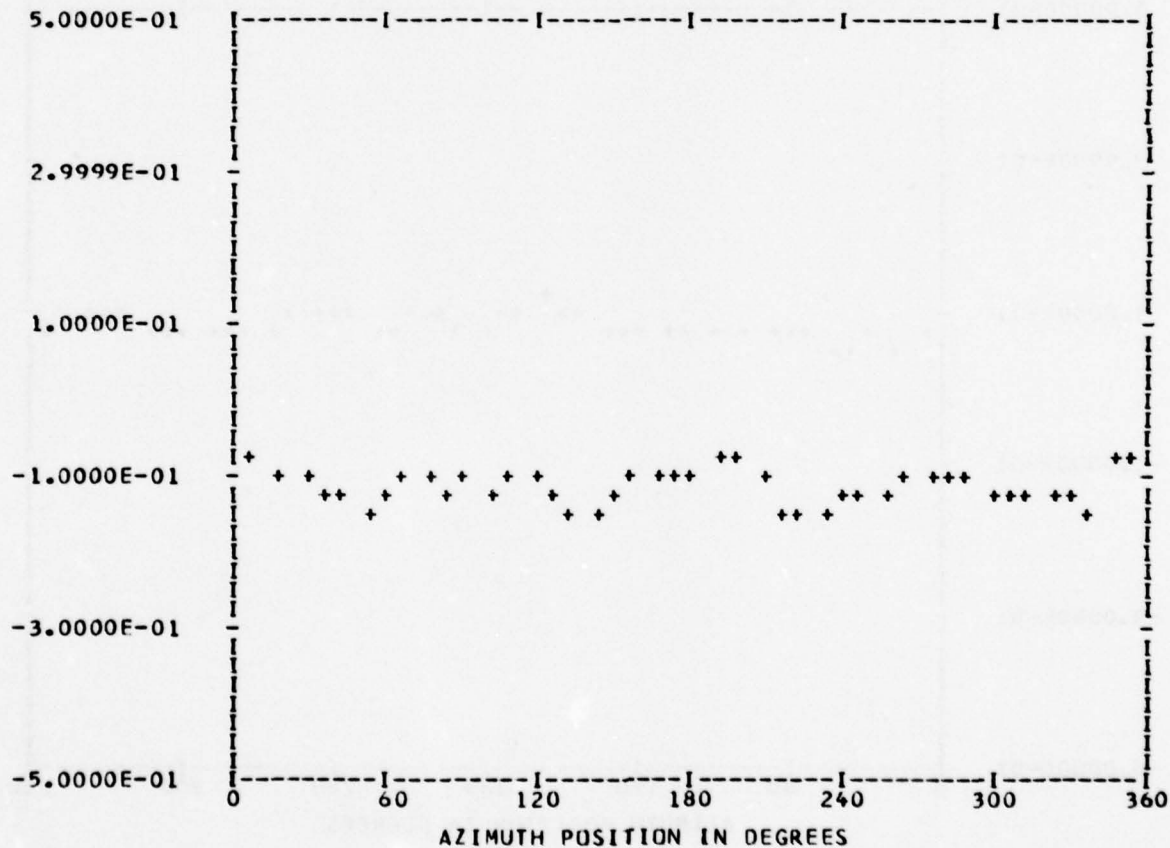
*** DATA ANALYSIS ***
ENTERED 44
OUT OF RANGE 0
BANDEDGE 0

RUN 15
TP 11
CHAN 53

STEADY HARM COS COEFF SIN COEFF RES PHASE
-0.11492E 00 1 0.29218E-02 0.21836E-02 0.36476E-02 53.2
2 0.82416E-02 -0.41465E-02 0.92259E-02 116.7
3 0.49599E-03 0.45182E-02 0.45453E-02 6.2
4 0.23609E-01 -0.57756E-02 0.24305E-01 103.7
5 -0.87567E-03 0.51453E-03 0.10156E-02 300.4
6 0.36603E-02 -0.16876E-02 0.40306E-02 114.7
7 0.99101E-03 -0.18731E-02 0.21191E-02 152.1
8 -0.52686E-02 0.63254E-02 0.82322E-02 320.2
9 -0.30312E-04 -0.92355E-02 0.92355E-02 180.1
10 0.50168E-03 0.16567E-02 0.17310E-02 16.8

```

MAX=-0.77254E-01 MIN=-0.16147E 00 PEAK TO PEAK/2= 0.42108E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

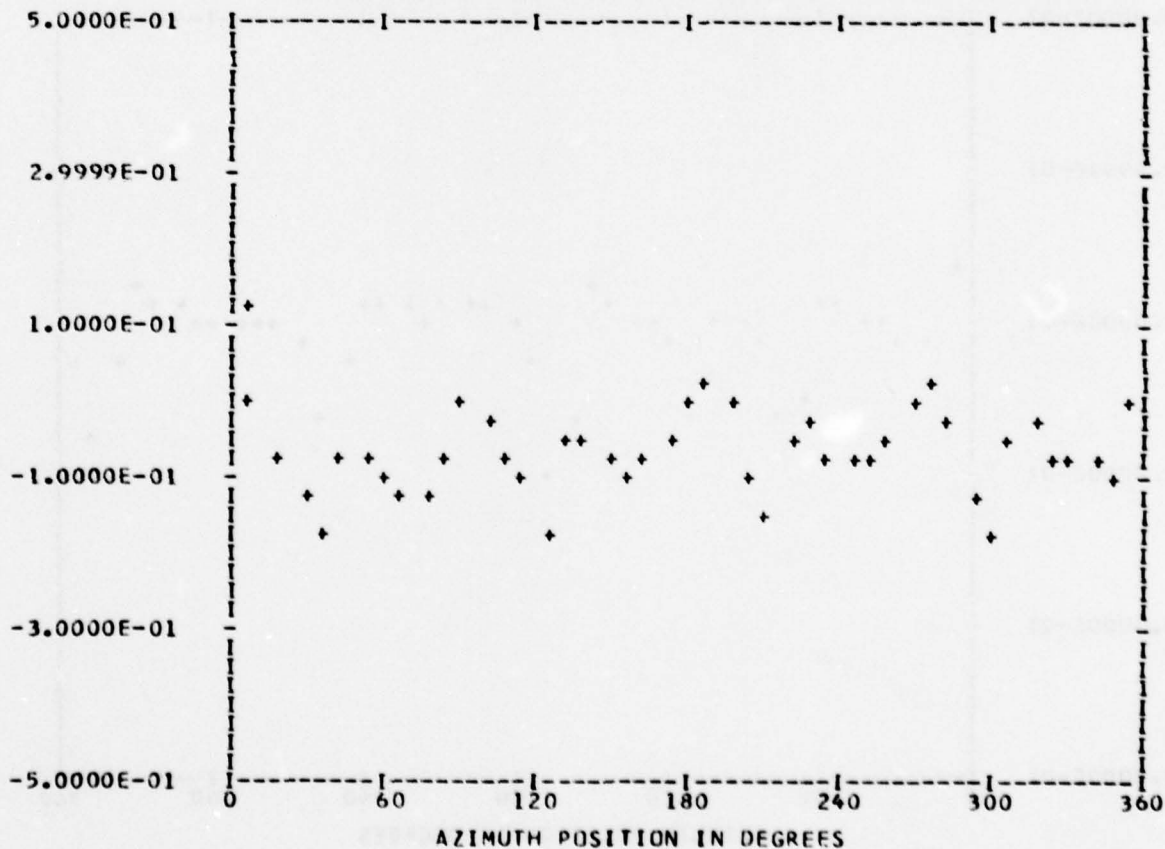
*** DATA ANALYSIS ***
 ENTERED 45
 OUT OF RANGE 0
 BANDEDGE 0

*** PS045.1 WAVEFORM ***
 *** CYCLE 0 ***

RUN 16
 TP 2
 CHAN 58

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.63882E-01	1	-0.54558E-02	-0.12300E-01	0.13456E-01	203.9
	2	0.10355E-01	-0.37767E-02	0.11022E-01	110.0
	3	0.10691E-01	-0.12542E-02	0.10765E-01	96.6
	4	0.31681E-01	-0.22264E-01	0.38721E-01	125.0
	5	0.28604E-02	0.36522E-02	0.46391E-02	38.0
	6	0.10588E-01	0.33128E-02	0.11094E-01	72.6
	7	0.11871E-01	-0.16041E-02	0.11979E-01	97.6
	8	0.46011E-01	-0.31175E-01	0.55578E-01	124.1
	9	0.21021E-02	0.58193E-02	0.61873E-02	19.8
	10	0.57564E-02	0.77754E-02	0.96744E-02	36.5

MAX= 0.12425E 00 MIN=-0.17511E 00 PEAK TO PEAK/2= 0.14968E 00



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

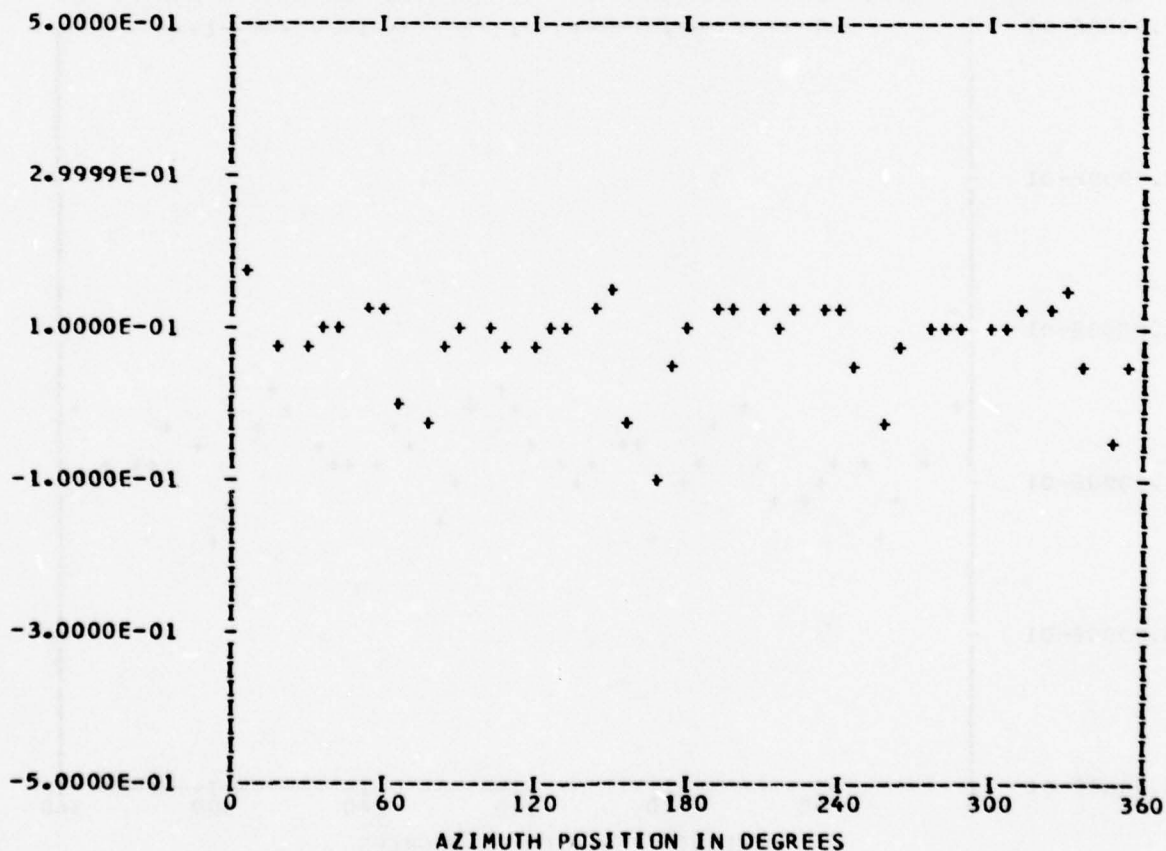
*** PS045.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 16
 TP 2
 CHAN 49

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.83525E-01	1	0.69933E-03	-0.88707E-02	0.88982E-02	175.4
	2	0.32169E-03	0.73253E-02	0.73324E-02	2.5
	3	0.17495E-02	-0.78537E-02	0.80462E-02	167.4
	4	-0.14183E-01	0.41499E-01	0.43856E-01	341.1
	5	0.16732E-02	-0.40728E-02	0.44032E-02	157.6
	6	0.23805E-02	0.11314E-01	0.11562E-01	11.8
	7	-0.40152E-02	-0.53818E-02	0.67146E-02	216.7
	8	0.48266E-01	0.19393E-01	0.52016E-01	68.1
	9	0.32047E-02	0.67110E-02	0.74370E-02	25.5
	10	0.76714E-02	0.36666E-02	0.85027E-02	64.4

MAX= 0.17601E 00 MIN=-0.10529E 00 PEAK TO PEAK/2= 0.14065E 00



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

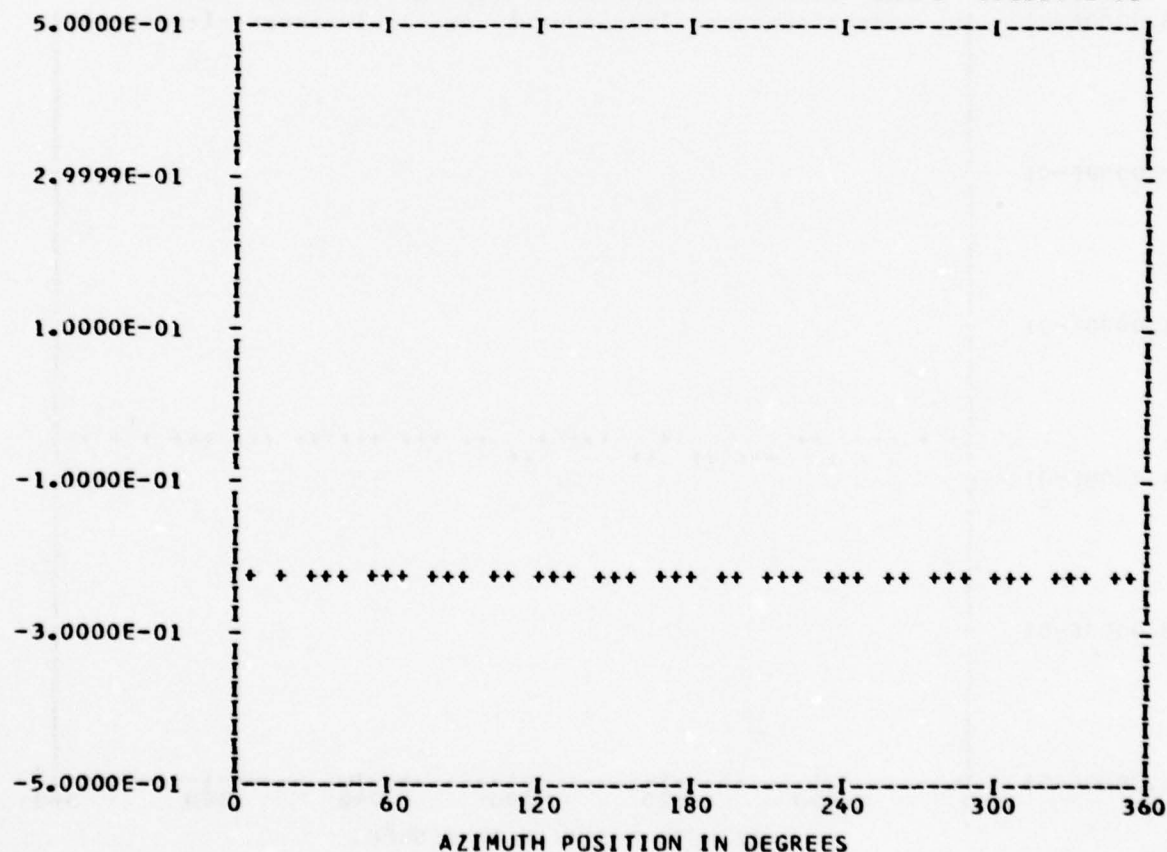
*** PS047.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 16
 TP 2
 CHAN 54

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.22475E 00	1	0.18551E-02	-0.23442E-02	0.29894E-02	141.6
	2	0.24406E-03	0.28037E-02	0.28143E-02	4.9
	3	-0.22436E-03	-0.11589E-02	0.11804E-02	190.9
	4	-0.32536E-02	-0.12289E-02	0.34779E-02	249.3
	5	0.51804E-03	-0.22051E-03	0.56302E-03	113.0
	6	-0.64805E-04	-0.10140E-03	0.12034E-03	212.5
	7	-0.59308E-04	-0.63360E-03	0.63637E-03	185.3
	8	-0.25094E-02	0.30344E-03	0.25277E-02	276.8
	9	-0.57708E-03	0.25885E-03	0.63247E-03	294.1
	10	-0.12564E-02	-0.46817E-03	0.13408E-02	249.5

MAX=-0.21487E 00 MIN=-0.23547E 00 PEAK TO PEAK/2= 0.10304E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

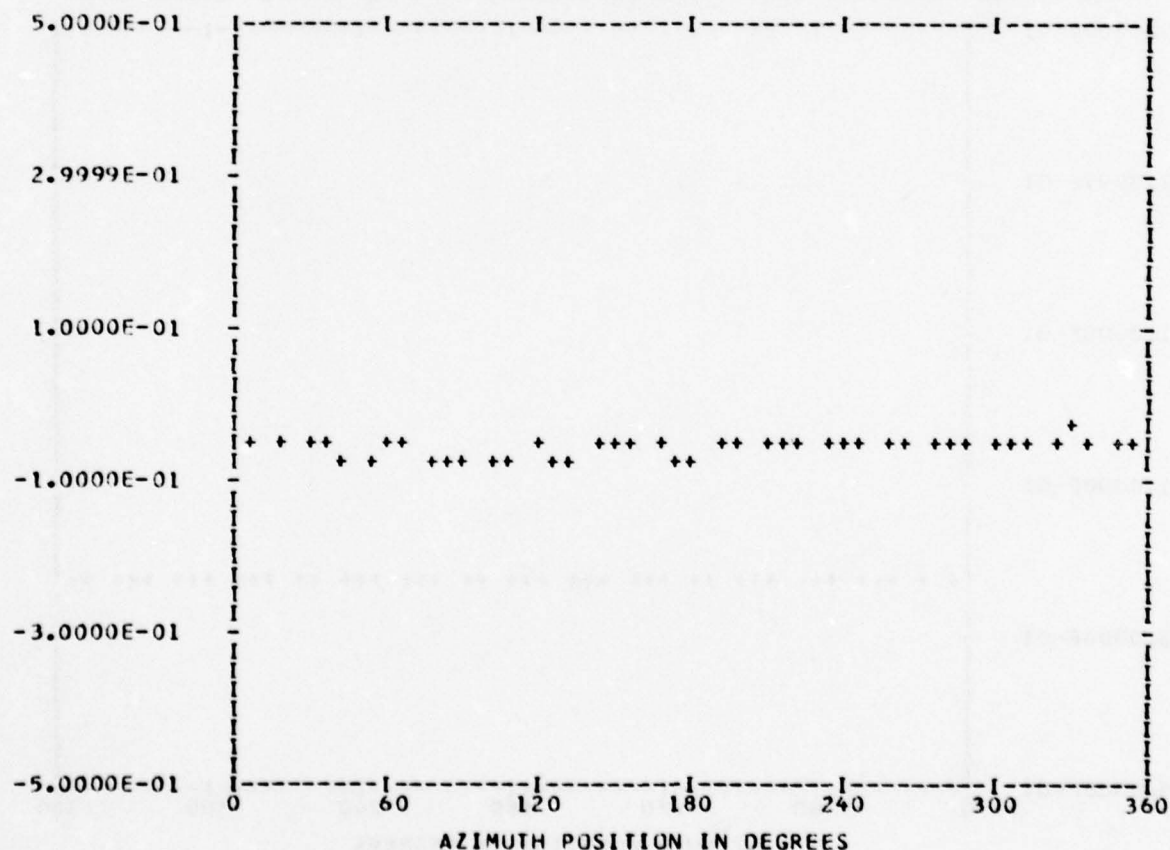
*** PS047.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BandedGE 0

RUN 16
 TP 2
 CHAN 51

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.54515E-01	1	0.38839E-02	-0.13095E-01	0.13658E-01	163.4
	2	-0.47627E-03	-0.31773E-02	0.32128E-02	188.5
	3	0.10397E-02	0.89506E-03	0.13719E-02	49.2
	4	-0.97968E-03	-0.23938E-02	0.25942E-02	202.6
	5	0.56266E-04	-0.13001E-03	0.14166E-03	156.5
	6	-0.76920E-03	0.48580E-03	0.90977E-03	302.2
	7	-0.31036E-03	0.14057E-02	0.14396E-02	347.5
	8	-0.20704E-02	0.25783E-02	0.33067E-02	321.2
	9	-0.41008E-03	-0.13649E-02	0.14252E-02	196.7
	10	-0.93881E-03	-0.69909E-03	0.11705E-02	233.3

MAX=-0.35817E-01 MIN=-0.75376E-01 PEAK TC PEAK/2= 0.19779E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

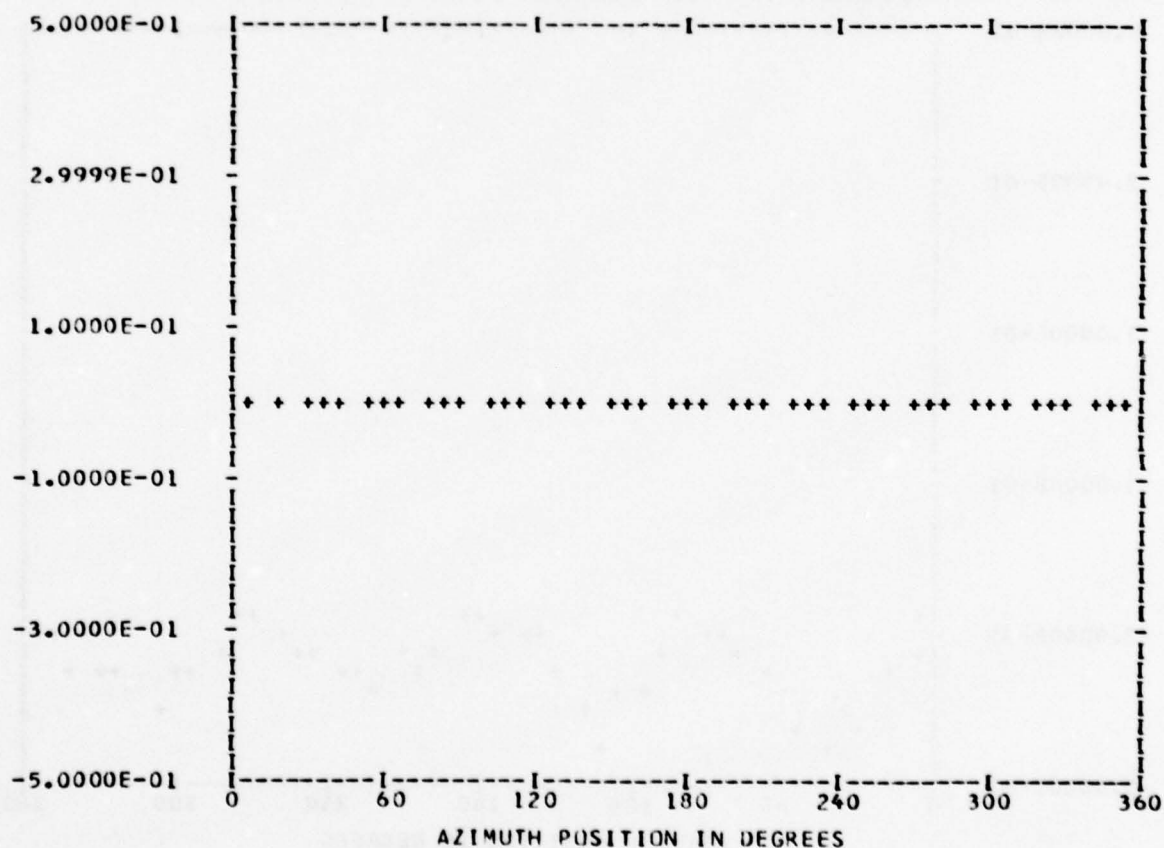
*** PS048.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 45
 OUT OF RANGE 0
 BANGEDGE 0

RUN 16
 TP 2
 CHAN 59

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.16276E-02	1	0.37081E-04	-0.47903E-04	0.60578E-04	142.2
	2	-0.20059E-05	0.11470E-04	0.11644E-04	350.0
	3	0.76786E-05	0.25280E-04	0.26420E-04	16.8
	4	-0.34903E-05	-0.20035E-04	0.20336E-04	189.8
	5	-0.23667E-05	-0.79978E-05	0.83407E-05	196.4
	6	-0.12436E-04	-0.31895E-04	0.34234E-04	201.3
	7	-0.41770E-05	0.68968E-04	0.69094E-04	356.5
	8	-0.19420E-04	-0.62678E-05	0.20407E-04	252.1
	9	-0.31541E-04	0.14548E-04	0.34735E-04	294.7
	10	0.12804E-04	-0.67781E-04	0.68980E-04	169.3

MAX=-0.11646E-02 MIN=-0.19411E-02 PEAK TO PEAK/2= 0.38822E-03



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

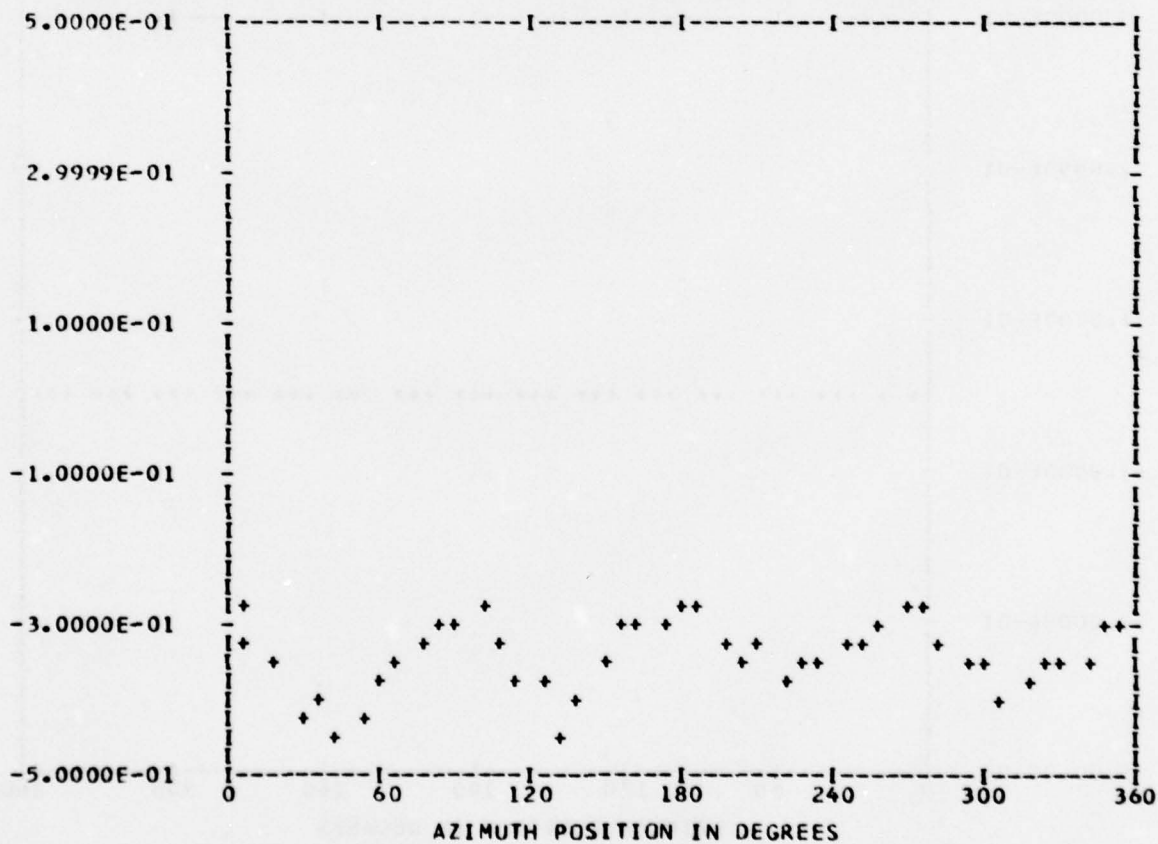
*** PS048.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 45
 OUT OF RANGE 0
 BANDEDGE 0

RUN 16
 TP 2
 CHAN 61

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.34027E 00	1	-0.16917E-01	-0.11626E-01	0.20527E-01	235.5
	2	0.64878E-04	-0.24086E-02	0.24095E-02	178.4
	3	-0.25633E-02	-0.10905E-01	0.11202E-01	193.2
	4	0.31420E-01	-0.45964E-01	0.55677E-01	145.6
	5	0.78083E-02	0.46100E-03	0.78219E-02	86.6
	6	-0.49230E-02	0.16618E-02	0.51959E-02	288.6
	7	0.64253E-02	-0.24772E-02	0.68863E-02	111.0
	8	0.89495E-02	-0.13100E-02	0.90449E-02	98.3
	9	-0.34718E-02	-0.16034E-02	0.38242E-02	245.2
	10	0.78559E-03	-0.29612E-02	0.30636E-02	165.1

MAX=-0.26928E 00 MIN=-0.44503E 00 PEAK TO PEAK/2= 0.87873E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

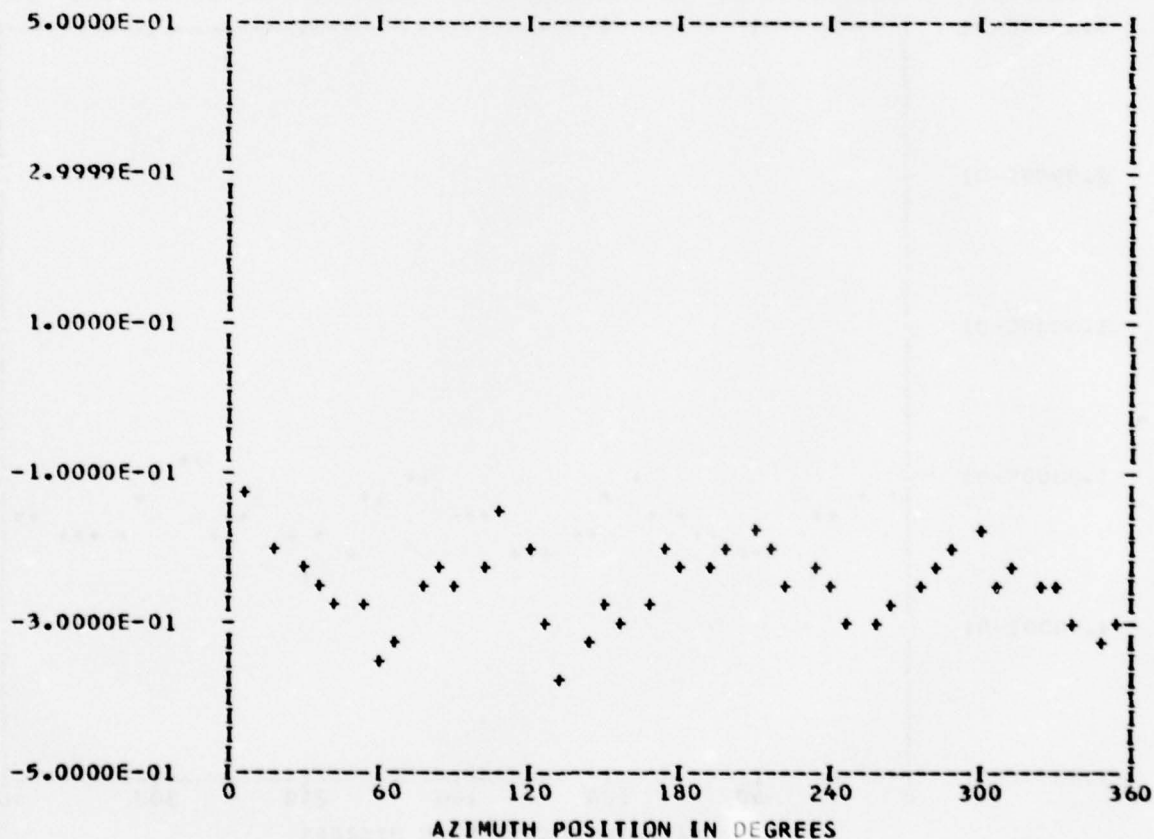
*** PS048.3 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 16
 TP 2
 CHAN 47

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.24949E 00	1	-0.69520E-02	-0.86457E-02	0.11094E-01	218.8
	2	0.44495E-02	0.69775E-02	0.82755E-02	32.5
	3	-0.12648E-01	-0.11214E-01	0.16904E-01	228.4
	4	0.26764E-01	0.42356E-01	0.50104E-01	32.2
	5	0.34928E-03	0.23247E-01	0.23250E-01	0.8
	6	-0.59343E-02	-0.30973E-02	0.66940E-02	242.4
	7	0.65558E-02	0.11642E-01	0.13361E-01	29.3
	8	-0.73058E-03	0.12413E-01	0.12435E-01	356.6
	9	0.70889E-02	-0.12896E-02	0.72052E-02	100.3
	10	0.11915E-01	0.54054E-02	0.13083E-01	65.5

MAX=-0.12560E 00 MIN=-0.36358E 00 PEAK TO PEAK/2= 0.11898E 00



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

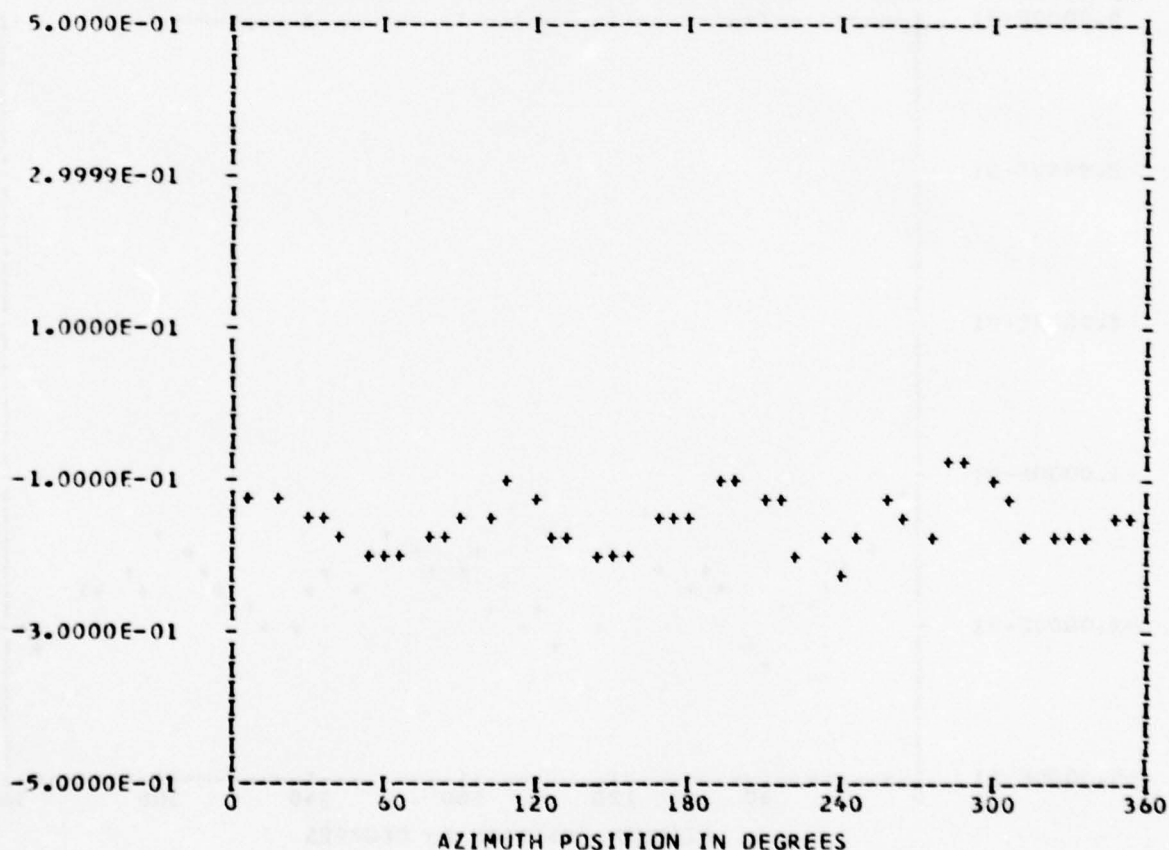
*** PS052.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BandedGE 0

RUN 16
 TP 2
 CHAN 57

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.15407E 00	1	-0.91397E-03	-0.14711E-01	0.14740E-01	183.5
	2	0.49650E-04	-0.33004E-02	0.33008E-02	179.1
	3	-0.41686E-02	0.17517E-02	0.45217E-02	292.7
	4	0.36867E-01	0.20854E-01	0.42357E-01	60.5
	5	-0.14928E-02	-0.25842E-02	0.29844E-02	210.0
	6	-0.86575E-03	-0.30834E-02	0.32027E-02	195.6
	7	0.68221E-03	-0.39758E-02	0.40339E-02	170.2
	8	-0.56018E-02	0.78653E-02	0.96562E-02	324.5
	9	0.51729E-02	0.17745E-02	0.54688E-02	71.0
	10	0.13031E-02	-0.23345E-02	0.26736E-02	150.8

MAX=-0.67265E-01 MIN=-0.21439E 00 PEAK TC PEAK/2= 0.73563E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

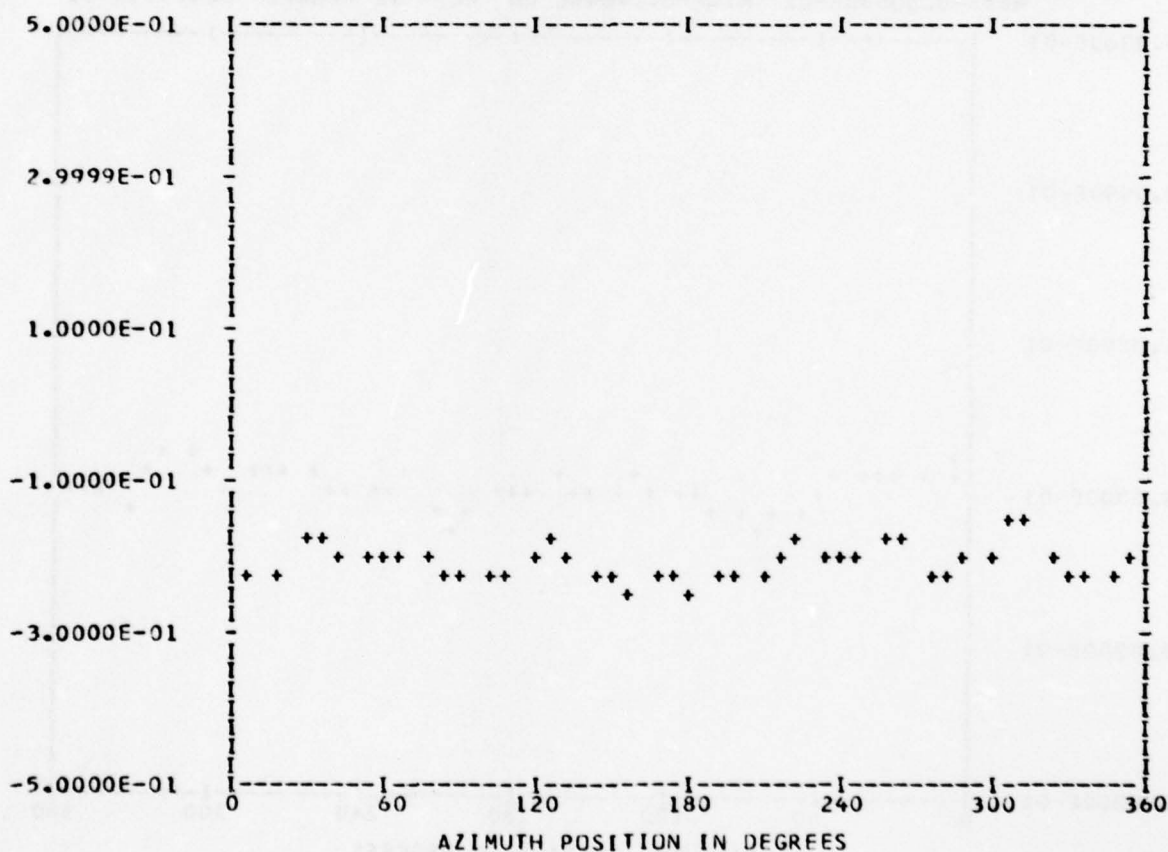
*** PS052.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BandedGE 0

RUN 16
 TP 2
 CHAN 50

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.20750E 00	1	0.76502E-02	-0.92793E-02	0.12026E-01	140.4
	2	-0.93203E-02	0.55087E-02	0.10826E-01	300.5
	3	-0.83624E-03	0.78816E-03	0.11491E-02	313.3
	4	-0.15478E-01	0.78888E-02	0.17373E-01	297.0
	5	-0.17545E-02	0.59346E-03	0.18521E-02	288.6
	6	0.56412E-02	0.20801E-03	0.56450E-02	87.8
	7	0.10897E-02	0.11298E-02	0.15697E-02	43.9
	8	-0.60201E-02	-0.12757E-01	0.14106E-01	205.2
	9	-0.51688E-02	-0.32797E-02	0.61215E-02	237.6
	10	0.17436E-02	0.89599E-03	0.19603E-02	62.8

MAX=-0.15382E 00 MIN=-0.24389E 00 PEAK TO PEAK/2= 0.45036E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

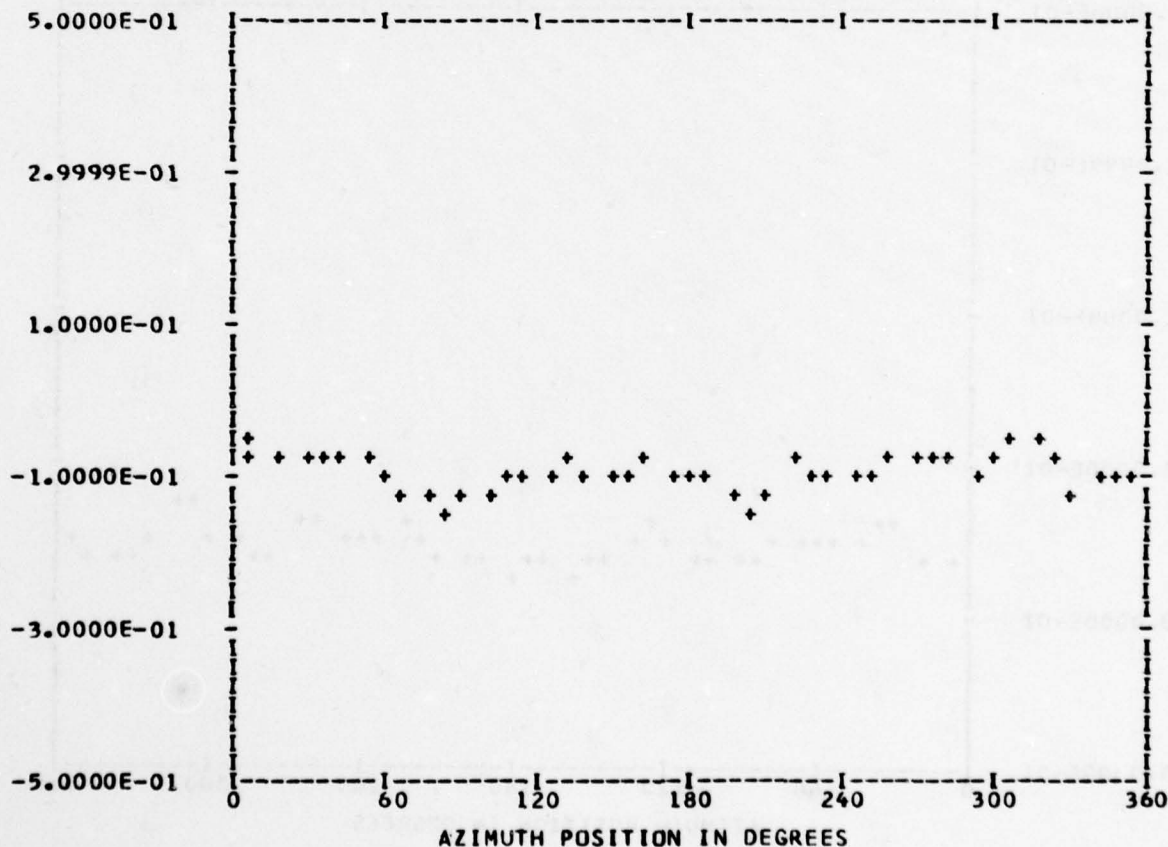
*** PS056.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 45
 OUT OF RANGE 0
 BANDEDGE 0

RUN 16
 TP 2
 CHAN 60

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.94332E-01					
	1	0.11766E-01	-0.11129E-01	0.16195E-01	133.4
	2	0.18984E-02	-0.71585E-02	0.74060E-02	165.1
	3	0.96984E-02	0.10783E-01	0.14503E-01	41.9
	4	-0.29985E-02	0.82019E-02	0.87328E-02	339.9
	5	0.22300E-02	0.95602E-02	0.98168E-02	13.1
	6	-0.50095E-03	-0.29558E-02	0.29979E-02	189.6
	7	0.62953E-02	0.12504E-03	0.62965E-02	88.8
	8	0.28014E-02	-0.80794E-02	0.85513E-02	160.8
	9	-0.27113E-02	0.30511E-02	0.40817E-02	318.3
	10	0.22815E-03	0.23818E-02	0.23927E-02	5.4

MAX=-0.50530E-01 MIN=-0.14648E 00 PEAK TO PEAK/2= 0.47975E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

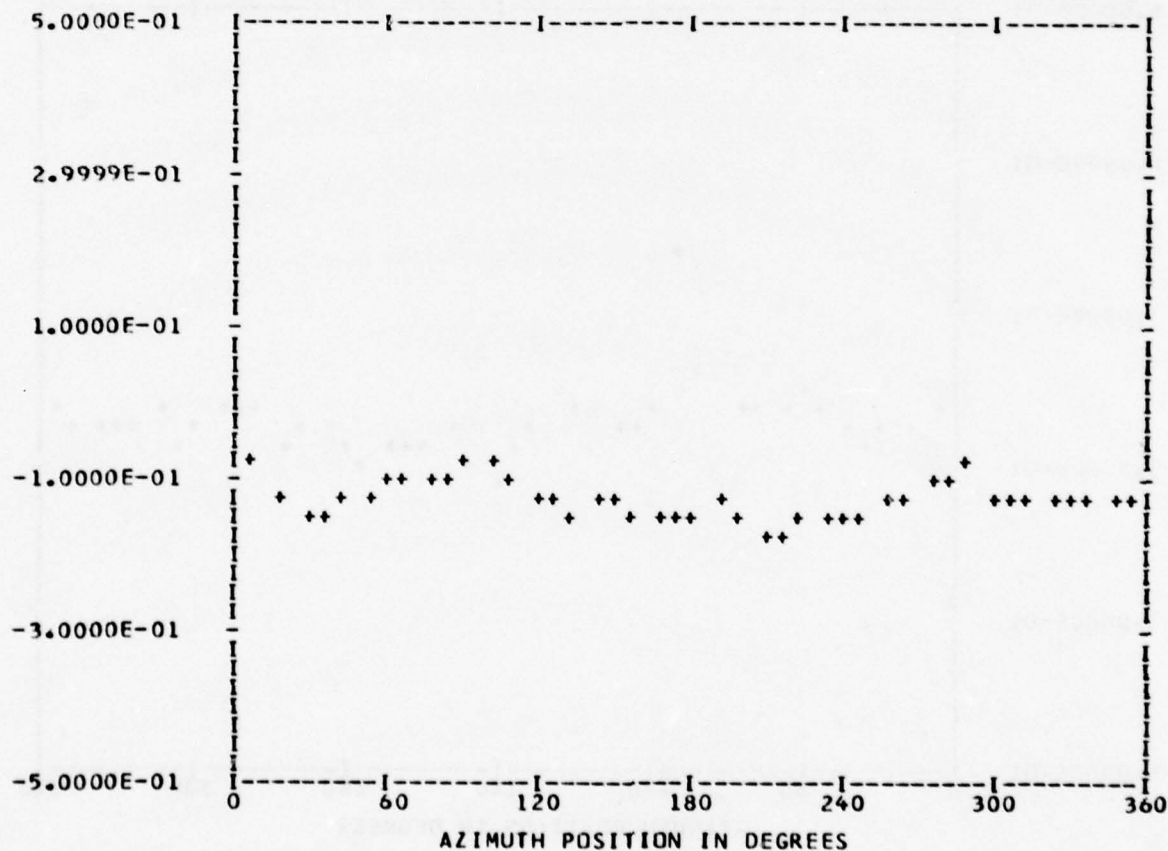
*** PS056.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANGEDGE 0

RUN 16
 TP 2
 CHAN 45

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.12490E 00	1	0.15612E-01	0.10241E-01	0.18671E-01	56.7
	2	-0.17111E-01	-0.65331E-02	0.18316E-01	249.1
	3	-0.46546E-02	-0.90083E-03	0.47410E-02	259.0
	4	0.18555E-01	0.66256E-03	0.18567E-01	87.9
	5	0.78271E-02	-0.95635E-03	0.78853E-02	96.9
	6	-0.79235E-03	-0.30738E-03	0.84988E-03	248.7
	7	0.15769E-02	-0.17260E-02	0.23379E-02	137.5
	8	0.46923E-02	0.76719E-02	0.89931E-02	31.4
	9	-0.26285E-02	0.20254E-02	0.33183E-02	307.6
	10	0.99988E-03	0.33078E-02	0.34556E-02	16.8

MAX=-0.65268E-01 MIN=-0.16837E 00 PEAK TO PEAK/2= 0.51551E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

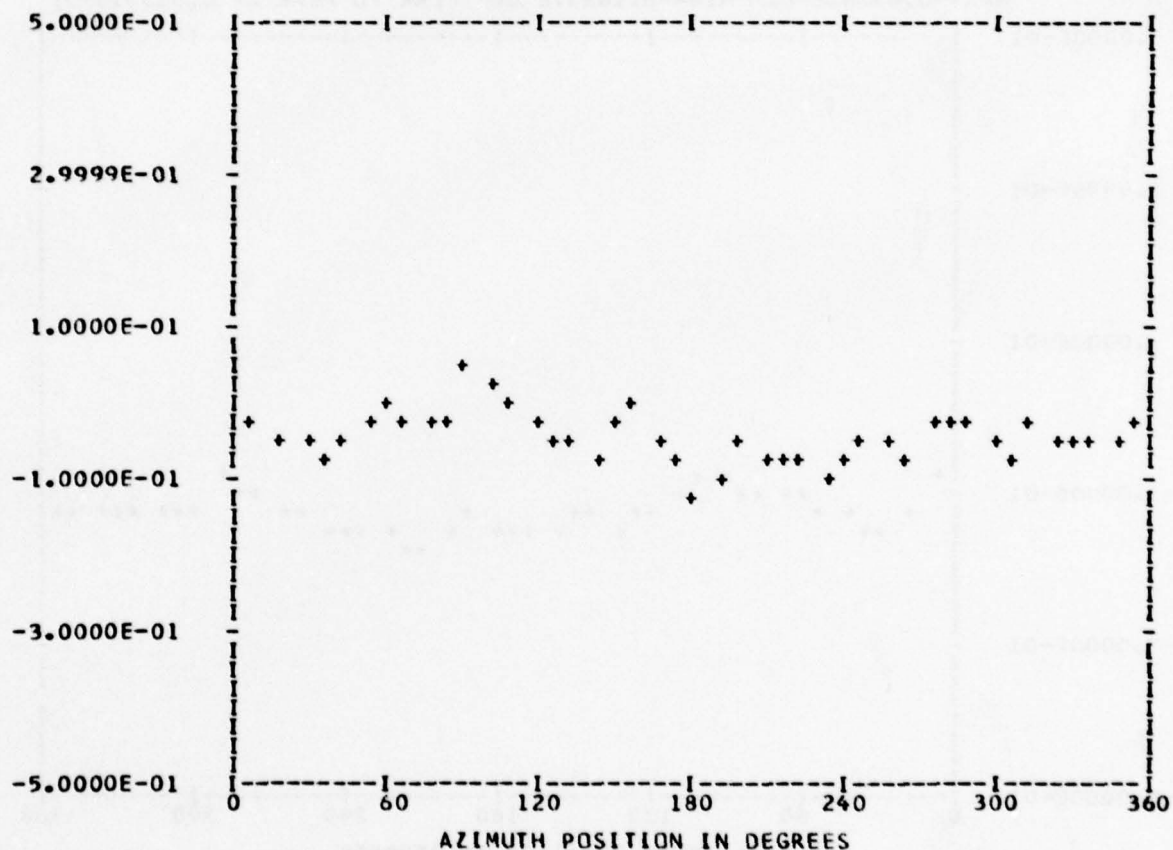
*** PS056.3 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 16
 TP 2
 CHAN 48

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.44088E-01	1	0.14087E-01	0.17734E-01	0.22649E-01	38.4
	2	-0.21426E-01	-0.58918E-02	0.22221E-01	254.6
	3	-0.72240E-03	-0.19856E-02	0.21129E-02	199.9
	4	0.10203E-01	-0.59932E-02	0.11833E-01	120.4
	5	0.60340E-02	0.67594E-03	0.60717E-02	83.6
	6	-0.10092E-01	-0.37484E-02	0.10766E-01	249.6
	7	0.14550E-01	-0.40336E-02	0.15098E-01	105.4
	8	-0.16048E-02	0.10724E-01	0.10844E-01	351.4
	9	0.57120E-02	0.94982E-03	0.57904E-02	80.5
	10	-0.77677E-02	-0.97993E-03	0.78293E-02	262.8

MAX= 0.38547E-01 MIN=-0.11250E 00 PEAK TO PEAK/2= 0.75526E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

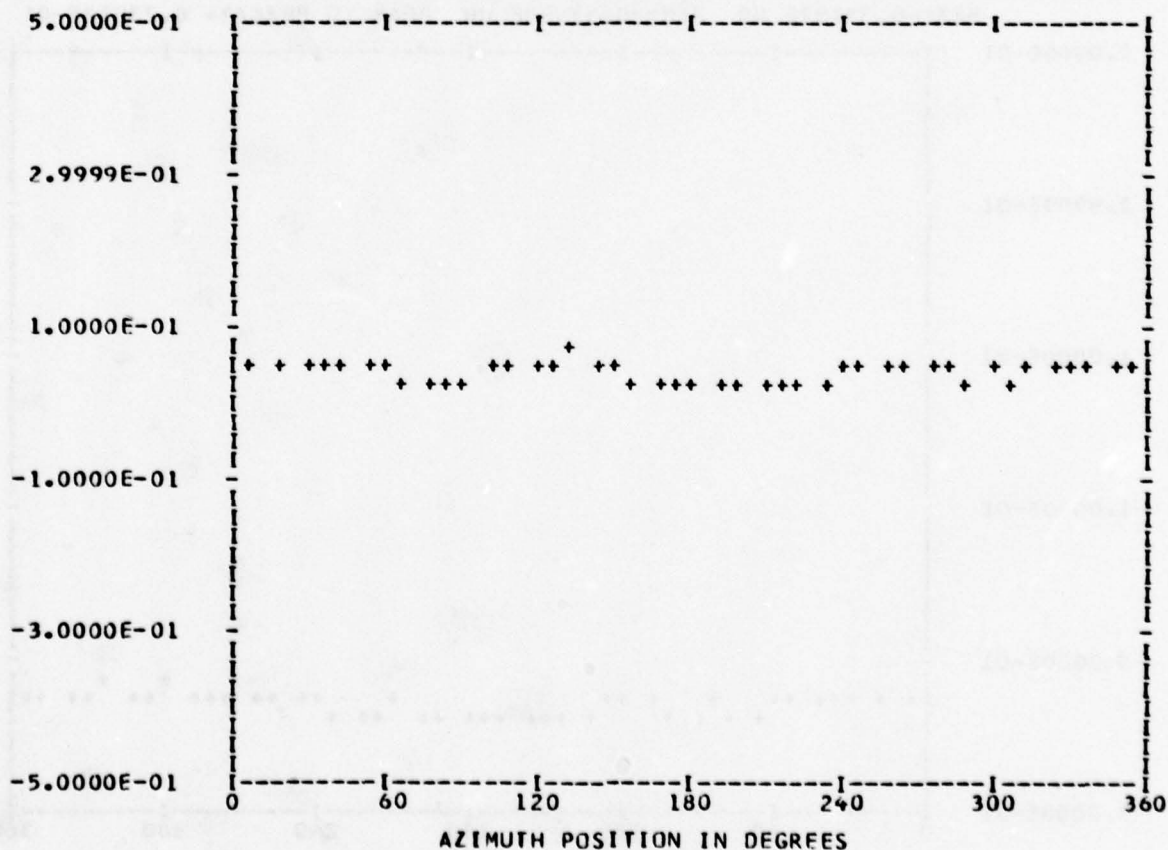
*** PS057.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 16
 TP 2
 CHAN 55

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.38764E-01	1	0.48400E-02	0.85050E-03	0.49141E-02	80.0
	2	-0.44954E-02	-0.30366E-02	0.54250E-02	235.9
	3	0.68399E-02	0.25880E-02	0.73131E-02	69.2
	4	-0.41306E-02	0.46913E-03	0.41572E-02	276.4
	5	-0.28862E-02	-0.45588E-03	0.29220E-02	261.0
	6	0.96936E-03	-0.19112E-03	0.98802E-03	101.1
	7	-0.78120E-03	-0.79122E-03	0.11118E-02	224.6
	8	0.23554E-02	0.90297E-03	0.25226E-02	69.0
	9	0.25091E-02	-0.10767E-03	0.25114E-02	92.4
	10	-0.21200E-02	0.18128E-02	0.27894E-02	310.5

MAX= 0.63603E-01 MIN= 0.16519E-01 PEAK TO PEAK/2= 0.23541E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

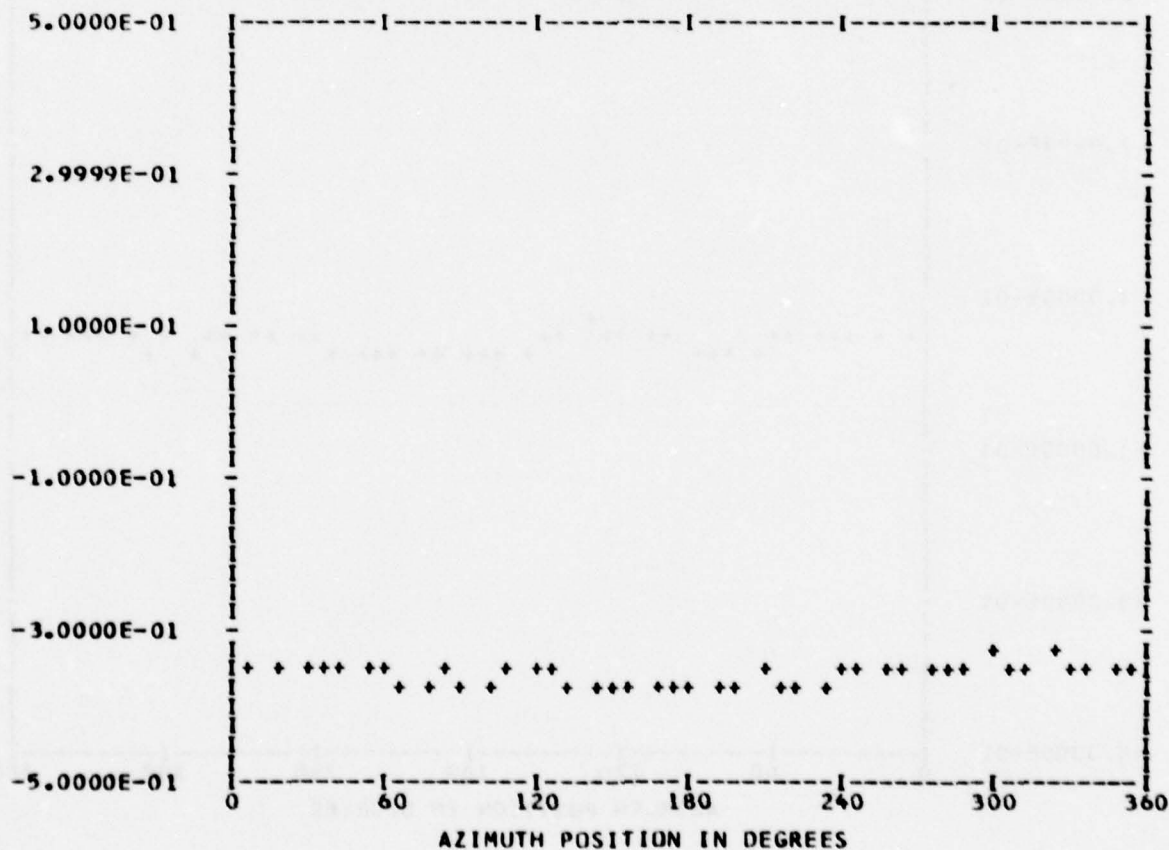
*** PS057.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEGE 0

RUN 16
 TP 2
 CHAN 52

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.35671E 00	1	0.11100E-01	-0.68963E-02	0.13068E-01	121.8
	2	-0.45201E-02	-0.41359E-02	0.61268E-02	227.5
	3	0.14618E-02	-0.21323E-03	0.14772E-02	98.2
	4	0.13922E-03	0.40806E-02	0.40829E-02	1.9
	5	-0.12404E-02	0.32726E-03	0.12829E-02	284.7
	6	0.18598E-02	0.61147E-03	0.19577E-02	71.8
	7	0.14880E-02	-0.12735E-02	0.19586E-02	130.5
	8	-0.22844E-02	0.24567E-02	0.33547E-02	317.0
	9	0.23260E-03	-0.46505E-03	0.51998E-03	153.4
	10	-0.10769E-02	-0.24905E-03	0.11054E-02	256.9

MAX=-0.33197E 00 MIN=-0.37980E 00 PEAK TO PEAK/2= 0.23912E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

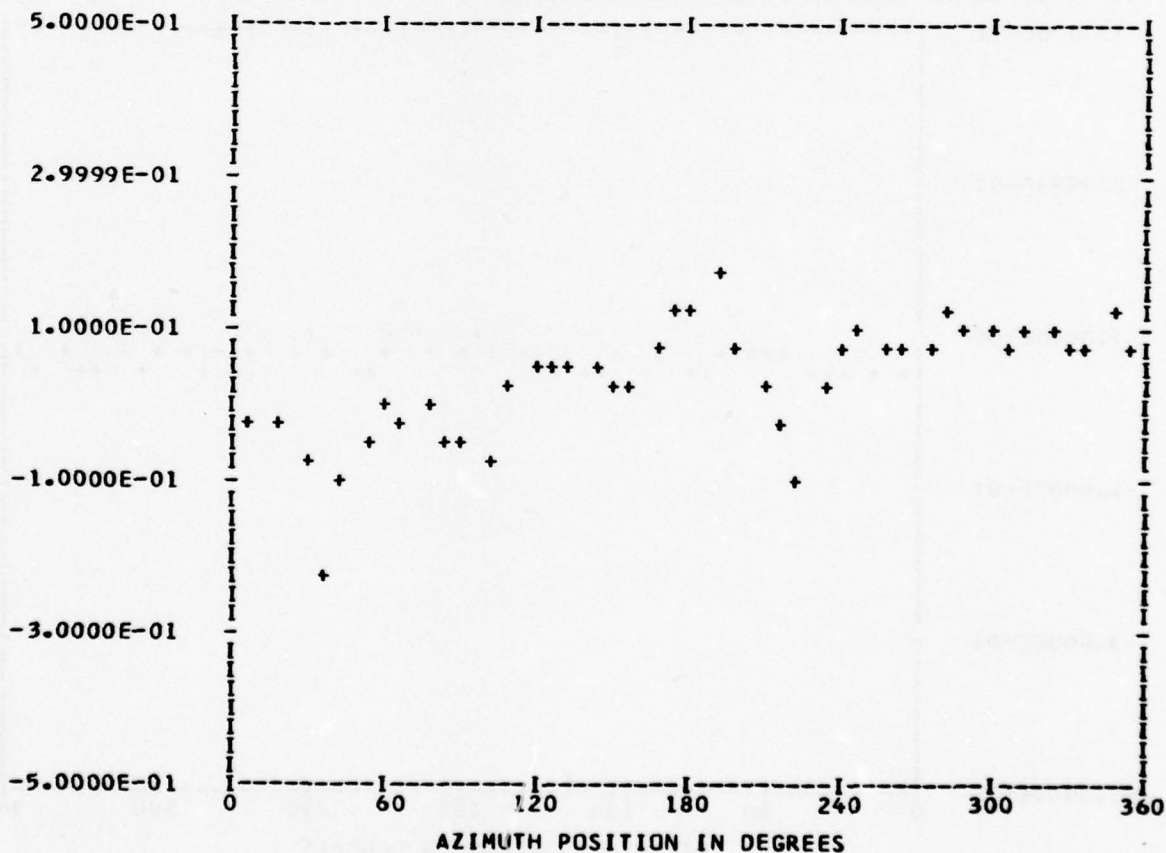
*** PS071.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 16
 TP 2
 CHAN 46

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.35799E-01	1	-0.23899E-01	-0.57890E-01	0.62629E-01	202.4
	2	0.95227E-02	-0.53582E-01	0.54422E-01	169.9
	3	-0.72439E-02	-0.37499E-02	0.81570E-02	242.6
	4	0.28359E-01	-0.22735E-01	0.36347E-01	128.7
	5	-0.42838E-02	-0.24876E-01	0.25242E-01	189.7
	6	0.44758E-01	0.25940E-02	0.44833E-01	86.6
	7	-0.30144E-02	-0.16512E-02	0.34370E-02	241.2
	8	0.12905E-02	0.11865E-01	0.11935E-01	6.2
	9	0.90222E-02	-0.84630E-03	0.90618E-02	95.3
	10	-0.48729E-02	-0.52209E-02	0.71416E-02	223.0

MAX= 0.16550E 00 MIN=-0.21733E 00 PEAK TO PEAK/2= 0.19142E 00



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

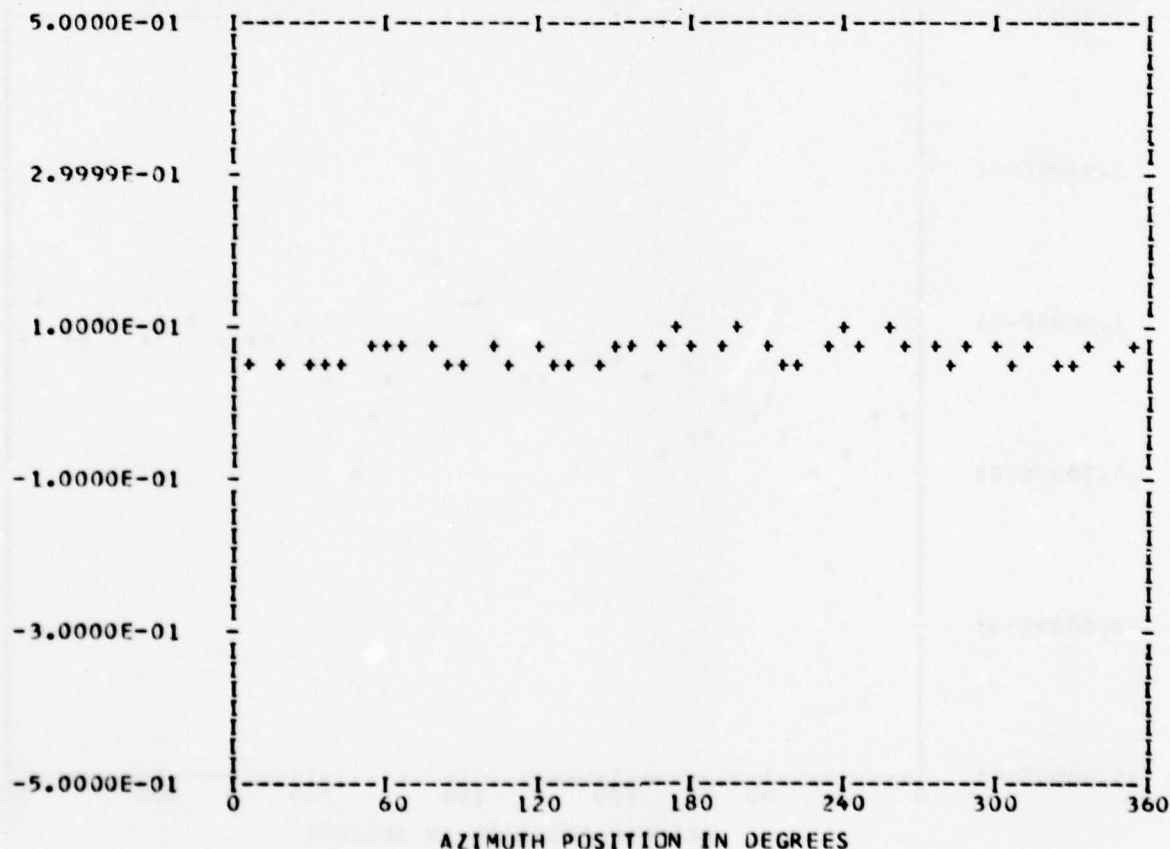
*** PS072.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 16
 TP 2
 CHAN 56

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.67916E-01	1	-0.11320E-01	-0.40699E-02	0.12029E-01	250.2
	2	-0.71657E-04	0.95822E-03	0.96090E-03	355.7
	3	-0.19558E-02	0.18407E-02	0.26858E-02	313.2
	4	0.22342E-02	-0.91167E-02	0.93865E-02	166.2
	5	-0.22853E-02	0.86548E-03	0.24437E-02	290.7
	6	0.52238E-02	-0.78696E-03	0.52827E-02	98.5
	7	0.22329E-02	-0.39111E-02	0.45036E-02	150.2
	8	-0.11806E-03	0.46957E-02	0.46972E-02	358.5
	9	0.34378E-03	-0.14275E-02	0.14683E-02	166.4
	10	-0.15310E-02	0.21504E-02	0.26398E-02	324.5

MAX= 0.95147E-01 MIN= 0.39082E-01 PEAK TO PEAK/2= 0.28032E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

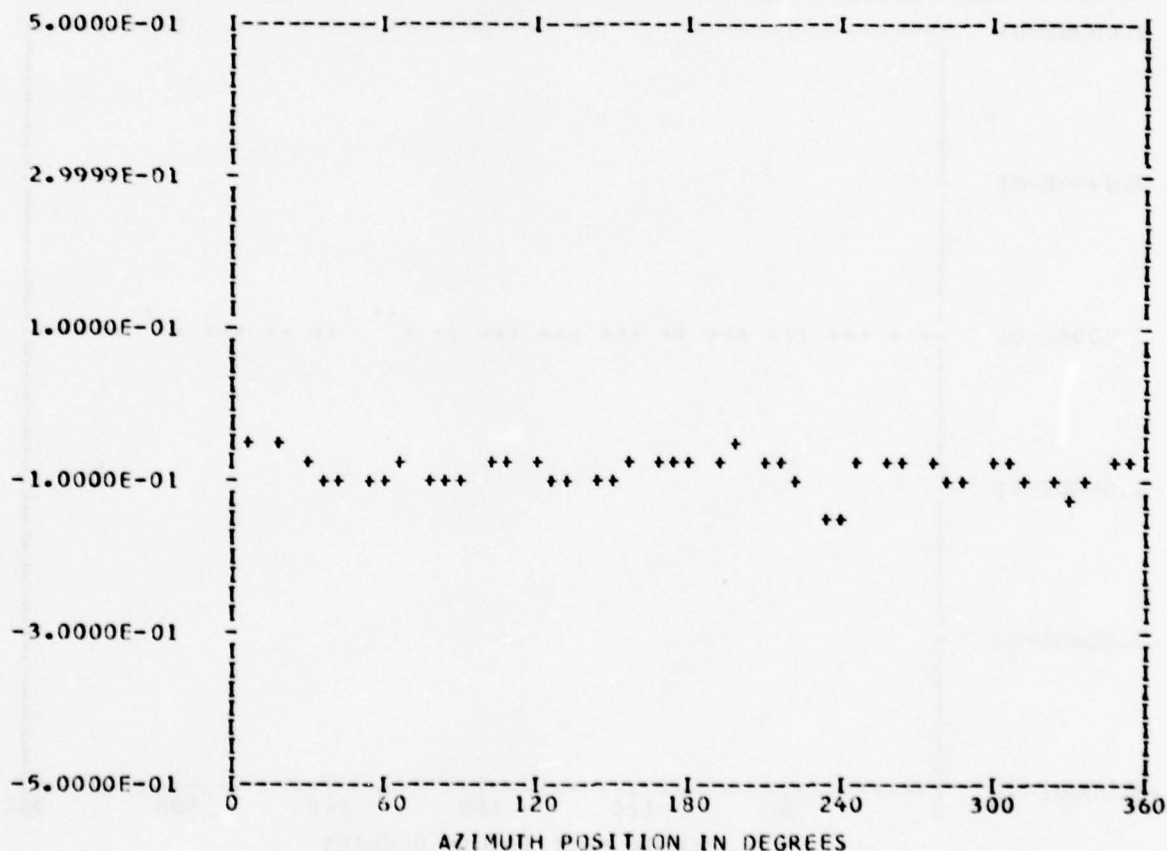
*** PS072.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEGE 0

RUN 16
 TP 2
 CHAN 53

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.86961E-01	1	0.12929E-02	0.19331E-02	0.23256E-02	33.7
	2	0.71939E-02	-0.22389E-02	0.75343E-02	107.2
	3	0.30467E-04	0.30831E-02	0.30832E-02	0.5
	4	0.18556E-01	0.37716E-02	0.18935E-01	78.5
	5	-0.13462E-03	-0.38782E-02	0.38806E-02	181.9
	6	0.33403E-02	0.37138E-02	0.49950E-02	41.9
	7	0.92383E-02	-0.43154E-02	0.10196E-01	115.0
	8	-0.93650E-02	-0.43913E-03	0.93753E-02	267.3
	9	-0.55625E-02	0.37578E-02	0.67128E-02	304.0
	10	0.20851E-02	-0.32607E-02	0.38704E-02	147.4

MAX=-0.55277E-01 MIN=-0.14930E 00 PEAK TO PEAK/2= 0.47012E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

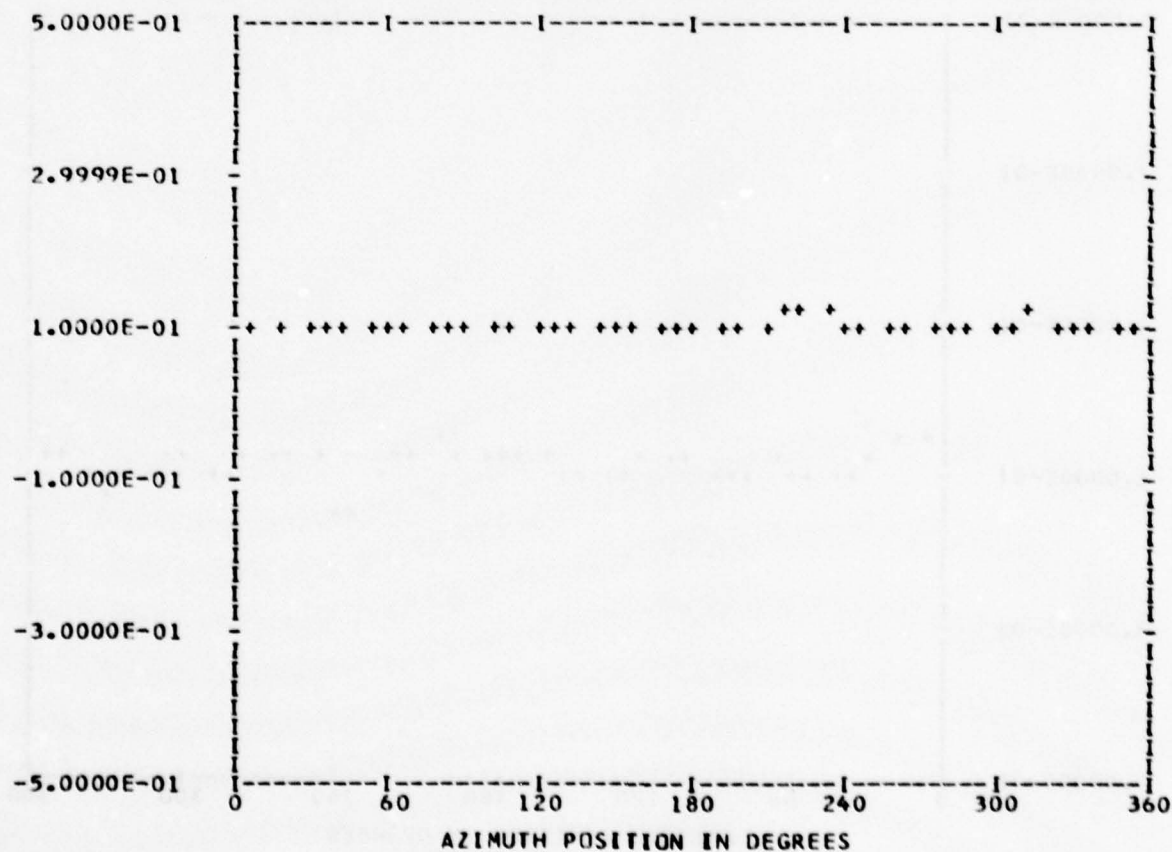
*** PS045.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 17
 TP 2
 CHAN 58

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.10946E 00	1	-0.80030E-03	-0.37456E-03	0.88361E-03	244.9
	2	-0.56983E-03	0.14917E-03	0.58903E-03	284.6
	3	-0.34226E-03	-0.57818E-03	0.67189E-03	210.6
	4	-0.11719E-02	0.12992E-02	0.17497E-02	317.9
	5	0.21276E-03	-0.41043E-03	0.46230E-03	152.5
	6	-0.12174E-03	-0.19861E-03	0.23295E-03	211.5
	7	0.44882E-03	0.27754E-03	0.52770E-03	58.2
	8	-0.10029E-03	-0.63879E-03	0.64662E-03	188.9
	9	0.88952E-04	0.35665E-03	0.36758E-03	14.0
	10	0.10945E-03	0.18135E-03	0.21182E-03	31.1

MAX= 0.11497E 00 MIN= 0.10653E 00 PEAK TO PEAK/2= 0.42209E-02



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

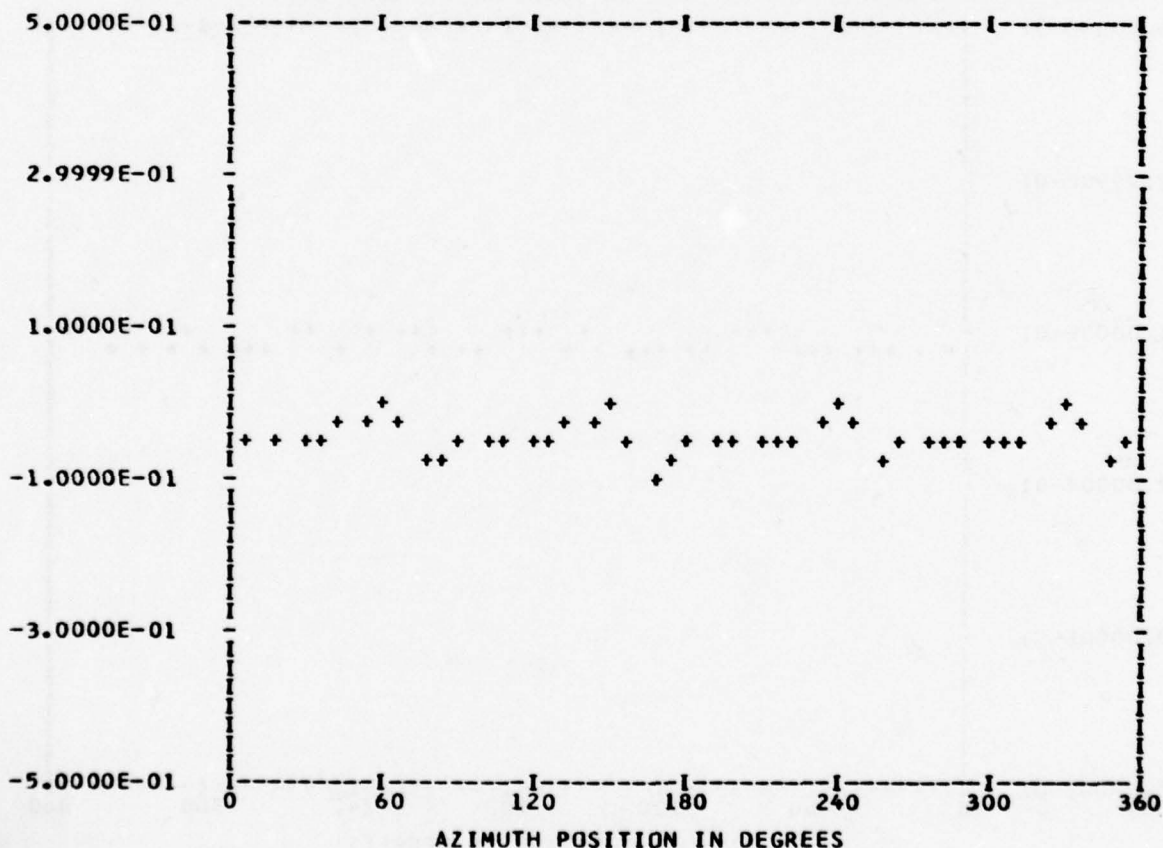
*** PS045.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 17
 TP 2
 CHAN 49

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.44029E-01	1	0.23246E-02	-0.47699E-03	0.23730E-02	101.5
	2	-0.80662E-03	0.15564E-02	0.17530E-02	332.6
	3	0.12906E-02	-0.20316E-02	0.24069E-02	147.5
	4	-0.18898E-01	0.24429E-02	0.19055E-01	277.3
	5	-0.24945E-03	-0.50756E-02	0.50817E-02	182.8
	6	0.10713E-02	0.14121E-02	0.17726E-02	37.1
	7	-0.19209E-02	-0.21569E-02	0.28883E-02	221.6
	8	0.11755E-01	0.14409E-01	0.18596E-01	39.2
	9	-0.23429E-02	0.58621E-04	0.23437E-02	271.4
	10	0.58819E-03	0.27769E-03	0.65044E-03	64.7

MAX= 0.18740E-02 MIN=-0.11091E 00 PEAK TO PEAK/2= 0.56393E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

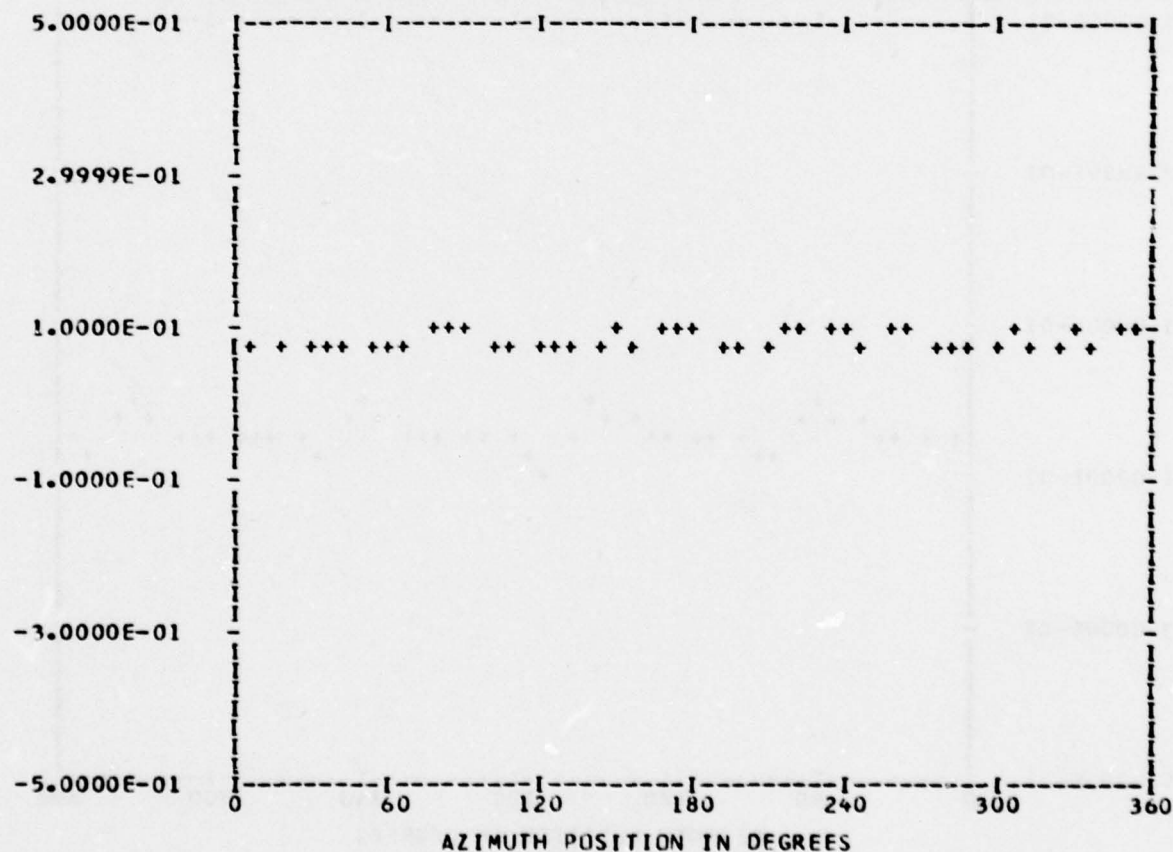
*** PS047.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 17
 TP 2
 CHAN 54

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.87044E-01	1	-0.68614E-03	-0.13176E-03	0.69868E-03	259.1
	2	-0.56669E-04	0.19781E-04	0.60022E-04	289.2
	3	-0.46488E-03	-0.43823E-03	0.63888E-03	226.6
	4	-0.12857E-03	-0.18766E-02	0.18810E-02	183.9
	5	0.33778E-03	0.50848E-03	0.61045E-03	33.5
	6	-0.40519E-04	-0.16242E-03	0.16740E-03	194.0
	7	0.14382E-04	0.13651E-05	0.14446E-04	84.5
	8	0.11066E-03	-0.13640E-02	0.13685E-02	175.3
	9	0.17488E-03	0.84116E-04	0.19406E-03	64.3
	10	-0.61250E-04	-0.64787E-04	0.89157E-04	223.3

MAX= 0.92255E-01 MIN= 0.83334E-01 PEAK TO PEAK/2= 0.44606E-02



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

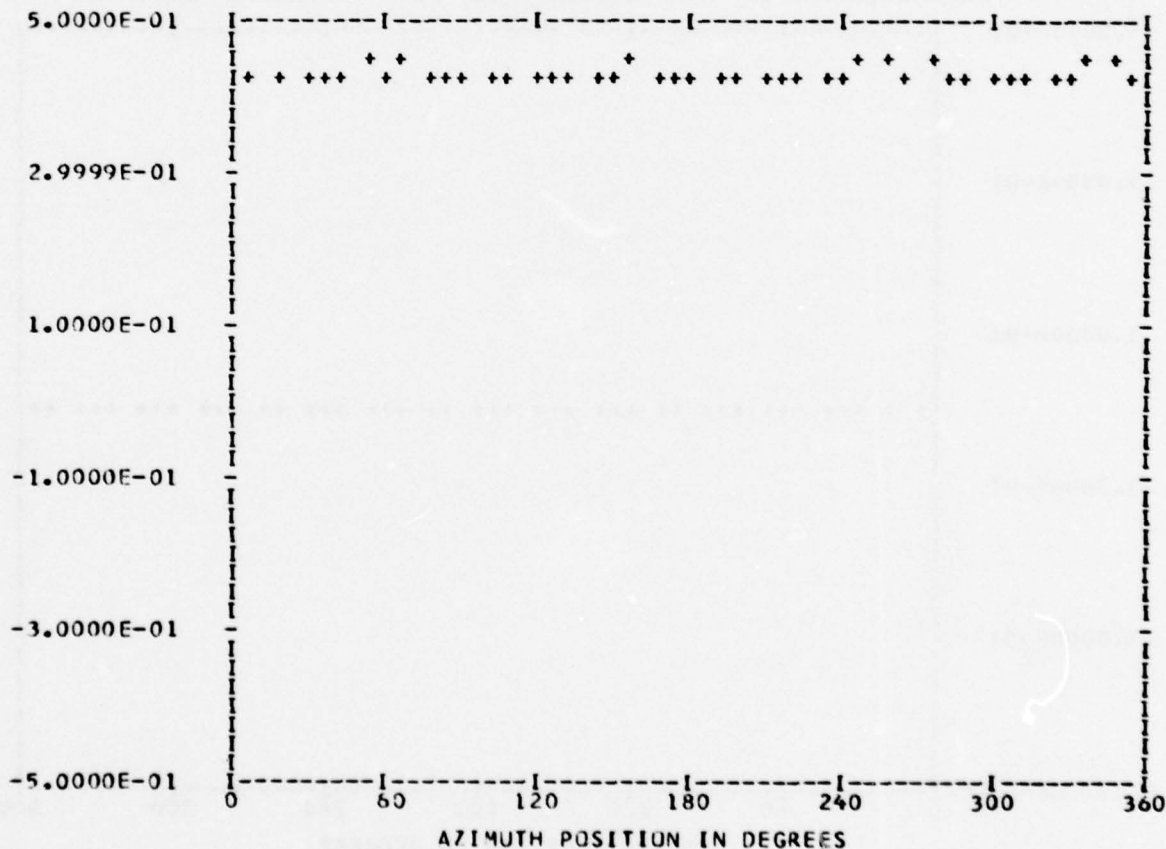
*** PS047.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BandedGE 0

RUN 17
 TP 2
 CHAN 51

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.43321E 00	1	0.13569E-02	-0.43946E-03	0.14263E-02	107.9
	2	-0.34839E-03	-0.44443E-03	0.56471E-03	218.0
	3	-0.12661E-02	0.92903E-03	0.15704E-02	306.2
	4	-0.70214E-03	-0.55535E-02	0.55977E-02	187.2
	5	-0.36910E-03	0.70342E-04	0.37574E-03	280.7
	6	-0.92458E-04	-0.17070E-03	0.19413E-03	208.4
	7	-0.25361E-03	-0.51660E-03	0.57550E-03	206.1
	8	0.44897E-03	-0.66618E-03	0.80335E-03	146.0
	9	0.15800E-03	0.38555E-03	0.41667E-03	22.2
	10	-0.46876E-04	-0.40148E-04	0.61719E-04	229.4

MAX= 0.44177E 00 MIN= 0.42466E 00 PEAK TO PEAK/2= 0.85558E-02



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

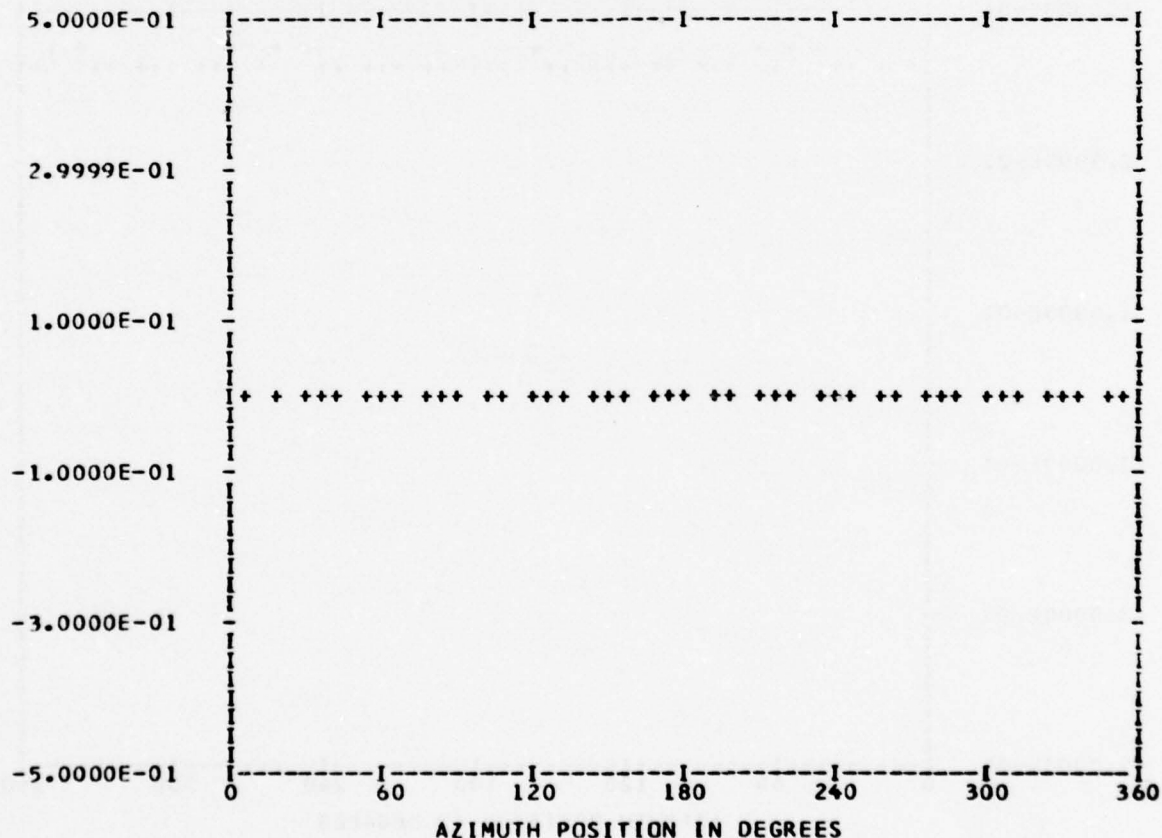
*** PS048.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 17
 TP 2
 CHAN 59

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.14734E-02					
	1	-0.14612E-04	-0.23069E-04	0.27308E-04	212.3
	2	0.69074E-04	-0.30493E-04	0.75506E-04	113.8
	3	-0.15913E-04	-0.41265E-04	0.44227E-04	201.0
	4	-0.50505E-04	0.98350E-05	0.51453E-04	281.0
	5	0.39135E-04	-0.56992E-04	0.69135E-04	145.5
	6	0.68059E-05	0.32002E-04	0.32718E-04	12.0
	7	-0.13423E-04	0.44466E-04	0.46448E-04	343.2
	8	-0.54737E-04	-0.24659E-04	0.60035E-04	245.7
	9	0.21839E-04	0.57987E-04	0.61964E-04	20.6
	10	0.16300E-04	-0.86675E-04	0.88194E-04	169.3

MAX=-0.10784E-02 MIN=-0.17685E-02 PEAK TO PEAK/2= 0.34508E-03



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

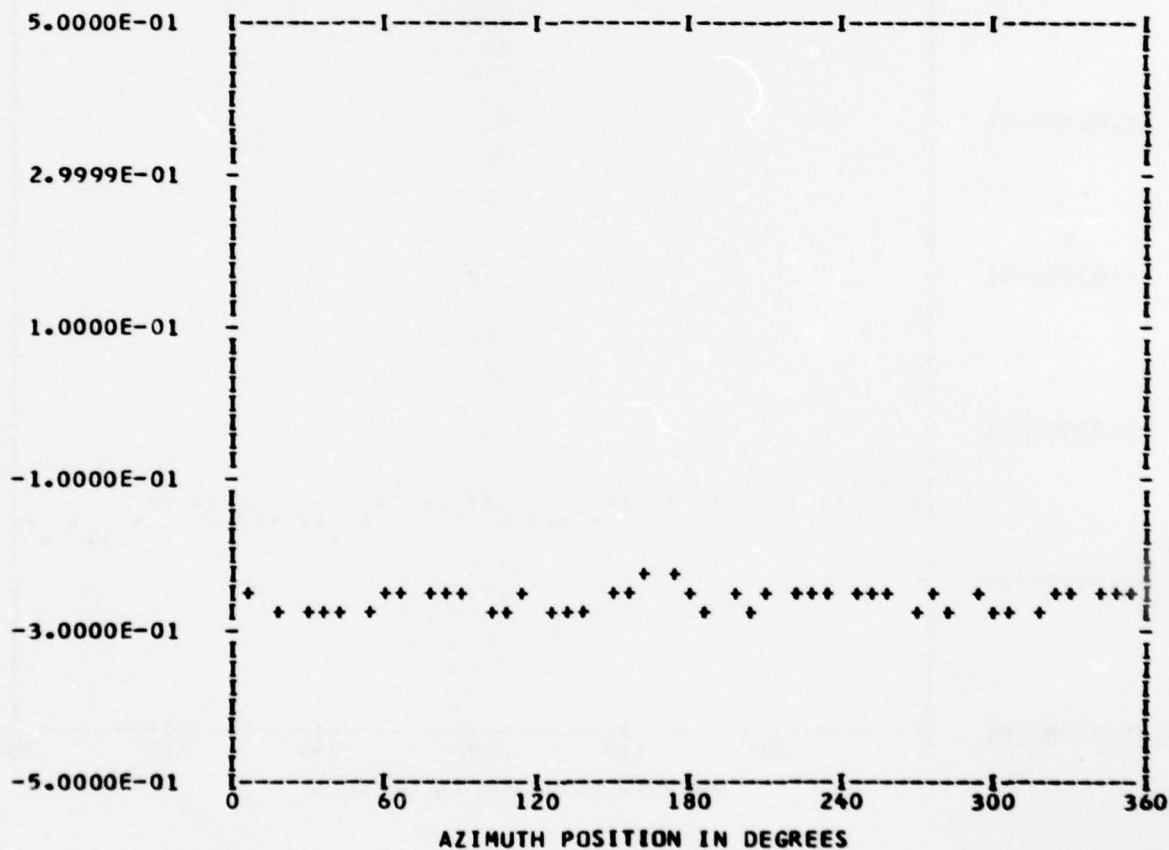
*** PS048.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 45
 OUT OF RANGE 0
 BANDEDGE 0

RUN 17
 TP 2
 CHAN 61

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.25818E 00	1	-0.33897E-02	-0.13056E-02	0.36324E-02	248.9
	2	0.16608E-02	-0.19906E-02	0.25925E-02	140.1
	3	0.52514E-03	-0.71400E-03	0.88633E-03	143.6
	4	-0.31250E-02	-0.90392E-02	0.95641E-02	199.0
	5	0.55820E-03	0.11895E-02	0.13139E-02	25.1
	6	-0.11711E-02	-0.16327E-02	0.20094E-02	215.6
	7	0.21017E-02	0.29214E-02	0.35989E-02	35.7
	8	-0.83051E-03	0.43541E-02	0.44326E-02	349.2
	9	0.24353E-02	-0.10595E-02	0.26558E-02	113.5
	10	-0.11735E-03	-0.83538E-03	0.84358E-03	187.9

MAX=-0.23219E 00 MIN=-0.27459E 00 PEAK TO PEAK/2= 0.21200E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

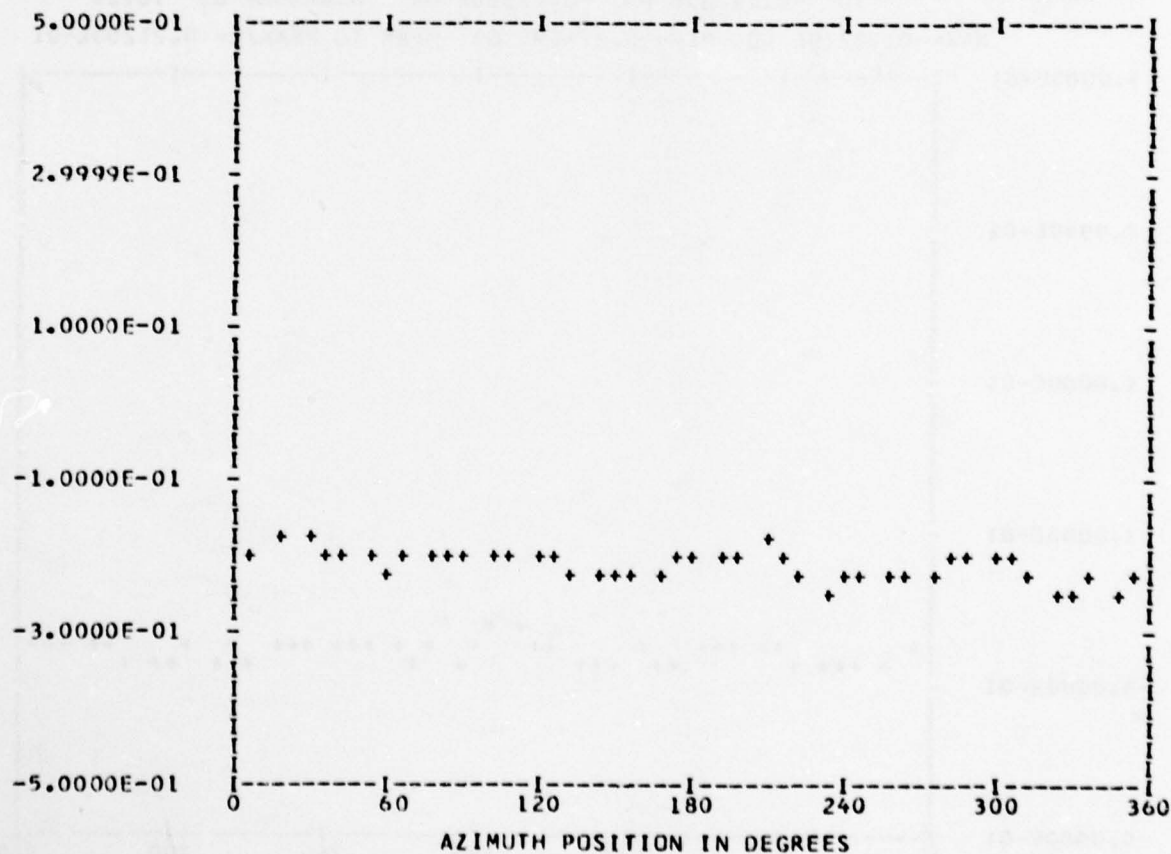
*** PS048.3 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 17
 TP 2
 CHAN 47

STEADY		COS COEFF	SIN COEFF	RMS	PHASE
-0.21358E 00	1	-0.93410E-03	0.11514E-02	0.88884E-02	103.7
	2	0.53813E-03	0.55035E-02	0.65257E-02	4.7
	3	-0.43607E-02	0.26153E-02	0.50849E-02	300.9
	4	0.72459E-02	0.17085E-01	0.18558E-01	72.9
	5	0.20318E-03	0.11514E-02	0.11692E-02	10.0
	6	-0.82490E-03	0.27501E-02	0.28711E-02	343.3
	7	-0.29726E-03	0.12872E-02	0.13211E-02	346.9
	8	-0.68393E-02	0.42195E-03	0.68523E-02	273.5
	9	-0.60334E-04	0.15695E-02	0.15707E-02	357.7
	10	-0.11760E-02	0.97555E-03	0.15280E-02	309.6

MAX=-0.17793E 00 MIN=-0.24021E 00 PEAK TO PEAK/2= 0.31139E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

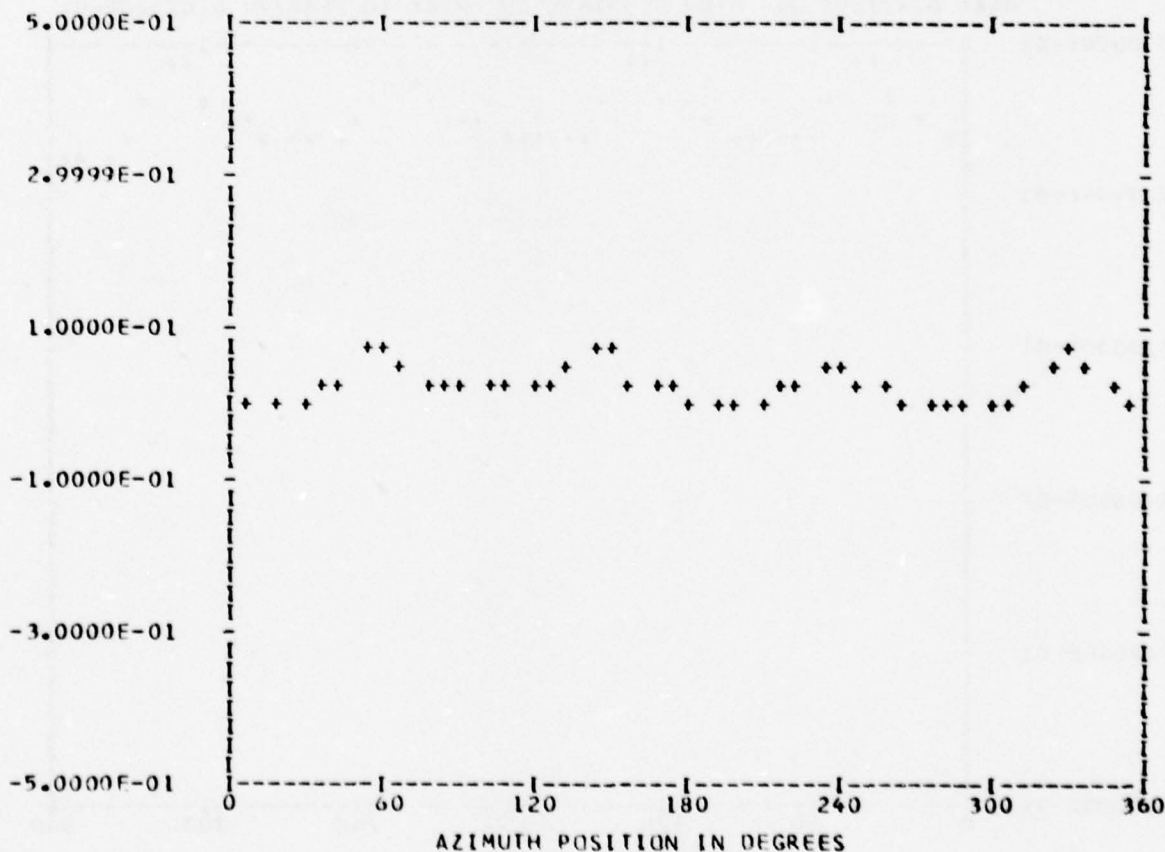
*** PS052.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 17
 TP 2
 CHAN 57

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.26774E-01	1	0.79976E-03	0.49629E-02	0.50269E-02	9.1
	2	-0.20886E-02	-0.23991E-02	0.31809E-02	221.0
	3	0.10728E-02	-0.11605E-02	0.15804E-02	137.2
	4	-0.23819E-01	-0.46646E-02	0.24271E-01	258.9
	5	-0.28839E-02	-0.80417E-03	0.29939E-02	254.4
	6	-0.26844E-03	-0.45704E-03	0.53005E-03	210.4
	7	-0.11877E-02	0.32192E-03	0.12306E-02	285.1
	8	0.10788E-01	0.59885E-02	0.12338E-01	60.9
	9	0.17205E-02	0.14984E-02	0.22815E-02	48.9
	10	0.11583E-02	-0.43156E-03	0.12360E-02	110.4

MAX= 0.71881E-01 MIN= 0.51438E-02 PEAK TO PEAK/2= 0.33368E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

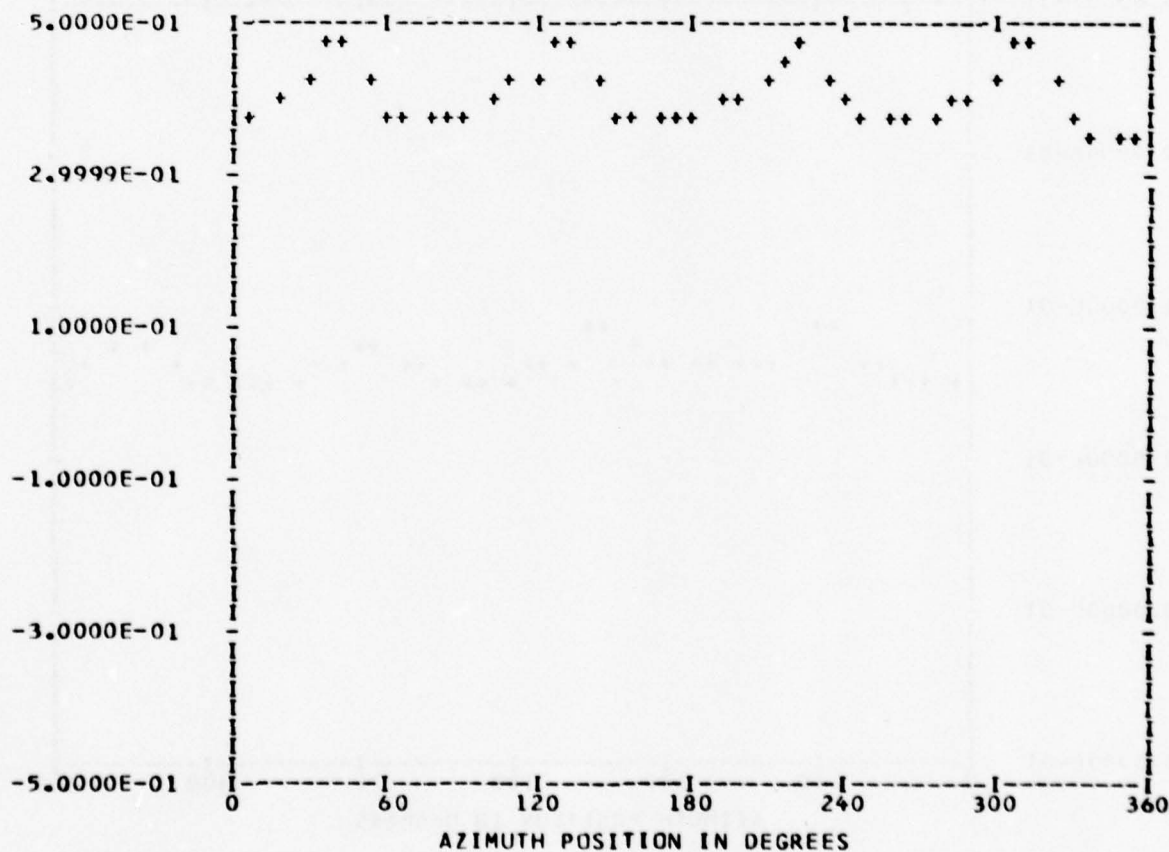
*** PS052.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEGE 0

RUN 17
 TP 2
 CHAN 50

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.40311E 00	1	-0.45912E-02	-0.23122E-03	0.45970E-02	267.1
	2	-0.44162E-02	-0.32664E-03	0.44283E-02	265.7
	3	-0.82537E-03	-0.32579E-03	0.88734E-03	248.4
	4	-0.27525E-01	0.40848E-01	0.49257E-01	326.0
	5	-0.27166E-02	0.24615E-02	0.36659E-02	312.1
	6	-0.34781E-03	0.84522E-03	0.91398E-03	337.6
	7	0.84492E-03	0.13692E-02	0.16089E-02	31.6
	8	0.25667E-02	-0.16389E-01	0.16588E-01	171.0
	9	-0.81085E-04	-0.77519E-03	0.77942E-03	185.9
	10	-0.17193E-03	0.28704E-04	0.17431E-03	279.4

MAX= 0.47769E 00 MIN= 0.35265E 00 PEAK TO PEAK/2= 0.62520E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

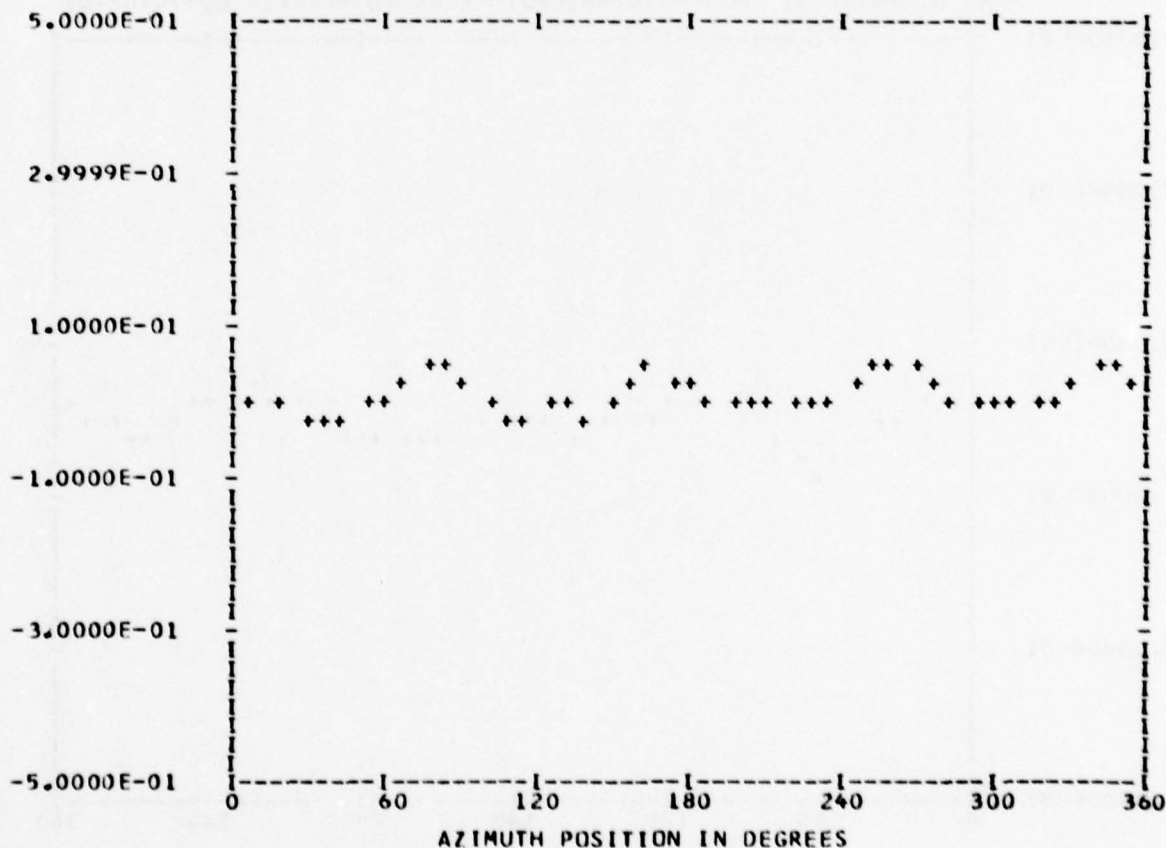
*** PS056.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 45
 OUT OF RANGE 0
 BandedGE 0

RUN 17
 TP 2
 CHAN 60

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.92397E-02	1	-0.17958E-02	-0.45067E-02	0.48513E-02	201.7
	2	-0.19615E-02	0.24772E-02	0.31598E-02	321.6
	3	-0.53701E-03	-0.27248E-02	0.27772E-02	191.1
	4	0.62442E-03	-0.27125E-01	0.27132E-01	178.6
	5	0.32303E-03	0.85163E-03	0.91084E-03	20.7
	6	-0.68849E-03	0.22746E-02	0.23765E-02	343.1
	7	-0.11099E-02	0.62092E-03	0.12718E-02	299.2
	8	-0.78236E-02	-0.34459E-03	0.78312E-02	267.4
	9	0.23637E-02	-0.31363E-03	0.23844E-02	97.5
	10	0.32265E-03	0.29847E-02	0.30021E-02	6.1

MAX= 0.49646E-01 MIN=-0.18672E-01 PEAK TO PEAK/2= 0.34159E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

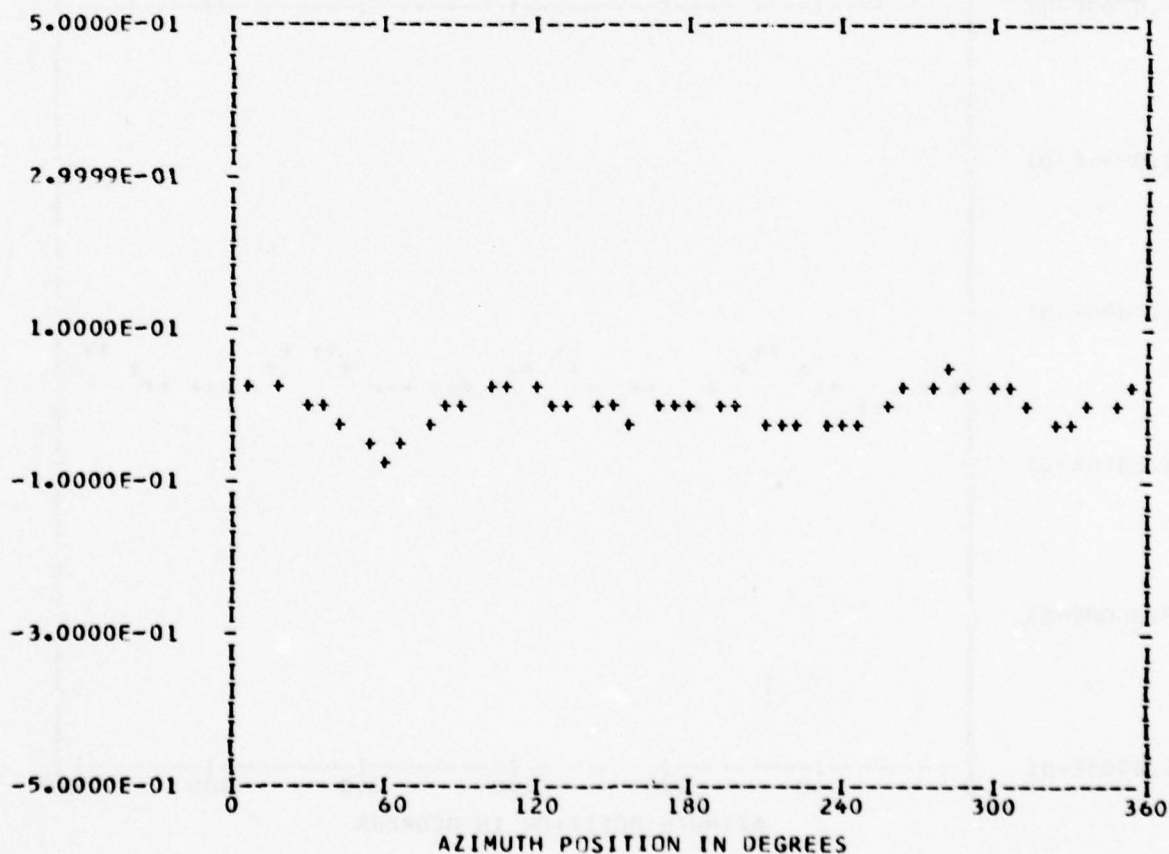
*** PS056.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANGEDGE 0

RUN 17
 TP 2
 CHAN 45

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.16698E-02	1	0.46408E-02	-0.98817E-02	0.10917E-01	154.8
	2	-0.18855E-02	-0.15603E-01	0.15717E-01	186.8
	3	0.91682E-02	0.56337E-02	0.10760E-01	58.4
	4	0.20891E-01	0.14580E-01	0.25476E-01	55.0
	5	-0.14611E-04	0.85327E-03	0.85340E-03	359.0
	6	0.13301E-02	-0.14636E-02	0.19777E-02	137.7
	7	-0.15603E-02	-0.31780E-02	0.35404E-02	206.1
	8	0.15855E-02	-0.24075E-02	0.28827E-02	146.6
	9	0.16162E-02	-0.10535E-03	0.16196E-02	93.7
	10	0.10504E-02	0.17220E-02	0.20171E-02	31.3

MAX= 0.47479E-01 MIN=-0.67461E-01 PEAK TO PEAK/2= 0.57470E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

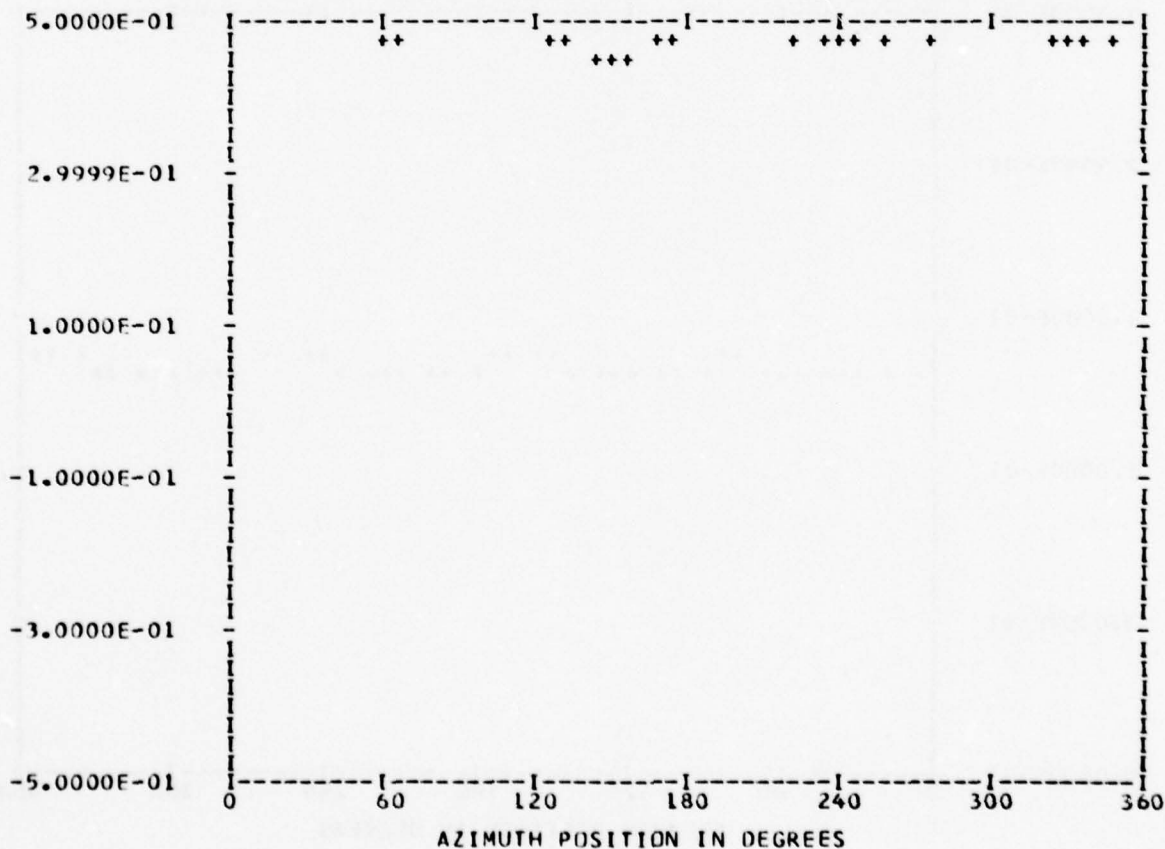
*** PS056.3 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 17
 BANDEDGE 0

RUN 17
 TP 2
 CHAN 48

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.49290E 00	1	0.82452E-02	-0.34187E-02	0.89259E-02	112.5
	2	-0.11116E-02	0.84503E-02	0.85231E-02	352.5
	3	-0.52679E-02	-0.21257E-02	0.56806E-02	248.0
	4	0.18893E-01	0.18257E-01	0.26273E-01	45.9
	5	0.10537E-02	0.80219E-03	0.13243E-02	52.7
	6	0.92215E-03	-0.50138E-03	0.10496E-02	118.5
	7	0.83824E-03	-0.20247E-02	0.21914E-02	157.5
	8	-0.31165E-02	0.15013E-02	0.34593E-02	295.7
	9	0.13578E-02	-0.18504E-03	0.13703E-02	97.7
	10	-0.56224E-03	0.72790E-03	0.91976E-03	322.3

MAX= 0.52935E 00 MIN= 0.44382E 00 PEAK TO PEAK/2= 0.42764E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

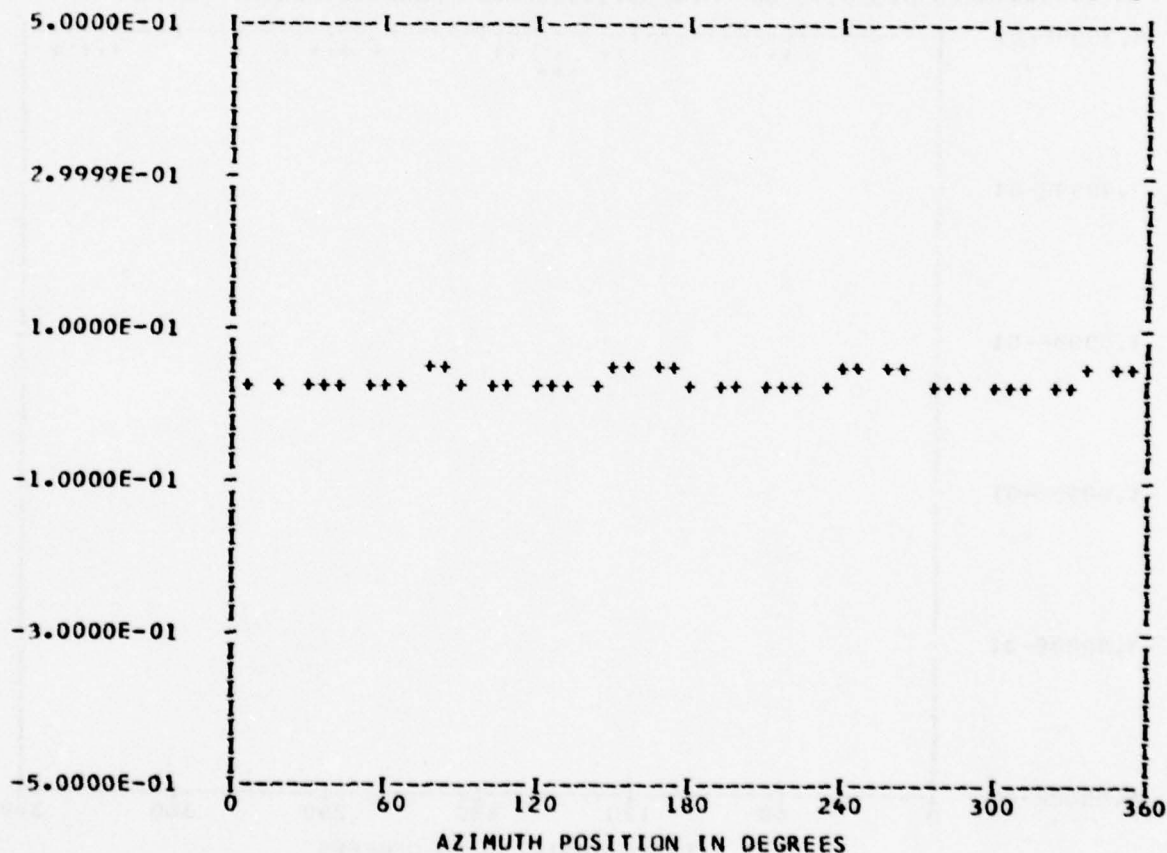
*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BandedGE 0

*** PS057.1 WAVEFORM ***
 *** CYCLE 0 ***

RUN 17
 TP 2
 CHAN 55

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.32654E-01	1	-0.12658E-02	-0.89964E-03	0.15529E-02	234.5
	2	0.21815E-04	-0.43926E-03	0.43980E-03	177.1
	3	0.11543E-02	0.69798E-03	0.13489E-02	58.8
	4	-0.82383E-03	-0.94703E-02	0.95060E-02	184.9
	5	-0.21295E-03	0.72624E-03	0.75682E-03	343.6
	6	-0.48528E-03	0.87814E-03	0.10033E-02	331.0
	7	0.44361E-04	0.31835E-03	0.32142E-03	7.9
	8	-0.15840E-02	-0.11013E-02	0.19292E-02	235.1
	9	0.15968E-03	0.14111E-03	0.21310E-03	48.5
	10	-0.18801E-03	0.57585E-04	0.19663E-03	287.0

MAX= 0.47716E-01 MIN= 0.22102E-01 PEAK TC PEAK/2= 0.12807E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

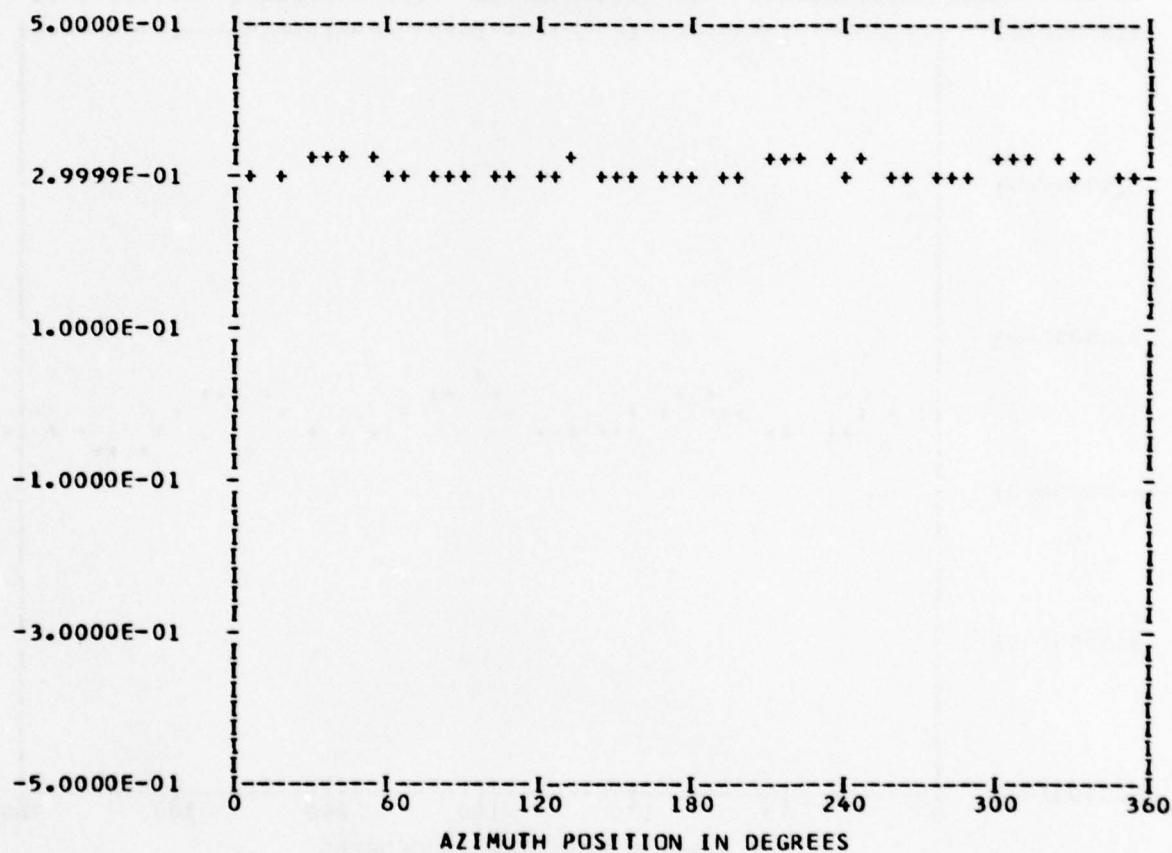
*** PS057.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 17
 TP 2
 CHAN 52

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.31000E 00	1	0.37429E-03	-0.25013E-02	0.25292E-02	171.4
	2	0.82856E-03	-0.11777E-04	0.82864E-03	90.8
	3	-0.10848E-02	0.93818E-04	0.10889E-02	274.9
	4	-0.46692E-02	0.29404E-02	0.55179E-02	302.2
	5	-0.10983E-03	0.91863E-03	0.92518E-03	353.1
	6	-0.45590E-03	-0.79173E-04	0.46272E-03	260.1
	7	-0.13080E-03	-0.30846E-03	0.33505E-03	202.9
	8	-0.29267E-03	-0.10738E-02	0.11130E-02	195.2
	9	0.38298E-04	0.54756E-03	0.54890E-03	4.0
	10	-0.65217E-03	-0.63910E-04	0.65529E-03	264.4

MAX= 0.32190E 00 MIN= 0.30244E 00 PEAK TO PEAK/2= 0.97298E-02



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

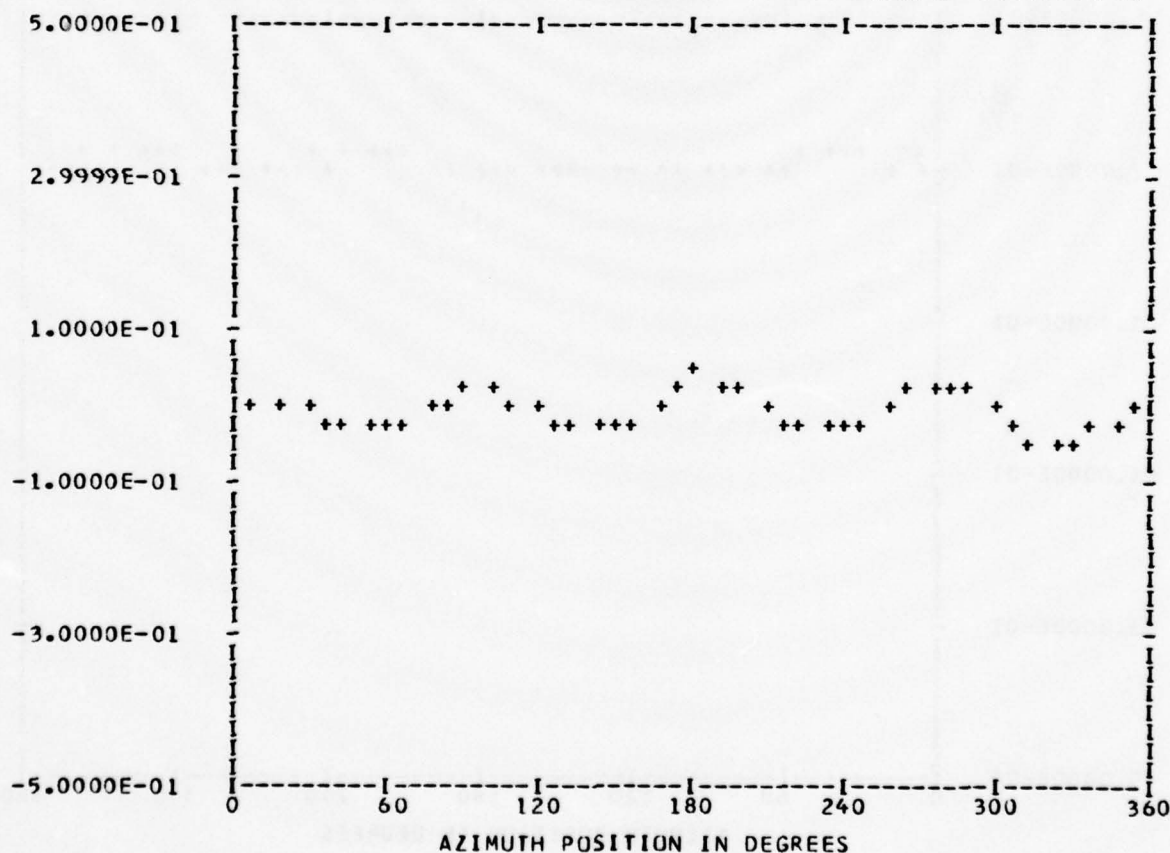
*** PS071.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 17
 TP 2
 CHAN 46

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.76058E-02					
	1	-0.87599E-02	0.14095E-02	0.88726E-02	279.1
	2	-0.17201E-02	0.65816E-03	0.18417E-02	290.9
	3	-0.10275E-02	0.49934E-02	0.50980E-02	348.3
	4	0.31121E-01	0.57814E-02	0.31654E-01	79.4
	5	-0.11251E-02	-0.10761E-02	0.15569E-02	226.2
	6	0.12349E-02	-0.11480E-02	0.16861E-02	132.9
	7	-0.10285E-02	-0.289E-02	0.15272E-02	222.3
	8	0.46855E-02	0.26E-03	0.46900E-02	87.4
	9	0.81171E-03	0.17373E-02	0.19176E-02	25.0
	10	-0.22301E-03	0.56908E-03	0.61121E-03	338.6

MAX= 0.40721E-01 MIN=-0.51894E-01 PEAK TO PEAK/2= 0.46307E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

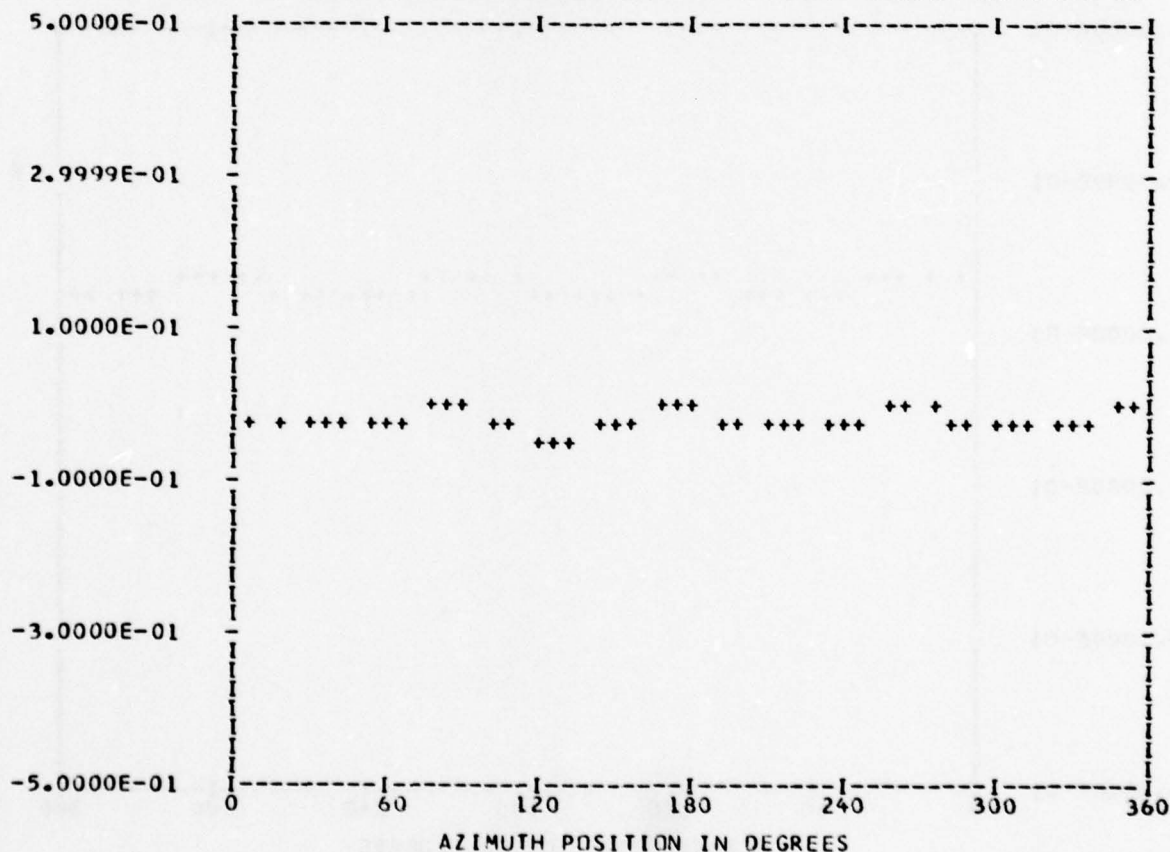
*** PS072.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 17
 TP 2
 CHAN 56

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.23274E-01	1	0.13824E-02	-0.23731E-02	0.27464E-02	149.7
	2	0.33846E-03	-0.13860E-03	0.36574E-03	112.2
	3	-0.11969E-02	0.92747E-03	0.15142E-02	307.7
	4	0.79695E-02	-0.15022E-01	0.17005E-01	152.0
	5	0.25962E-03	0.11792E-02	0.12075E-02	12.4
	6	-0.59115E-03	0.24245E-03	0.63894E-03	292.3
	7	0.31771E-04	0.70752E-03	0.70824E-03	2.5
	8	-0.18131E-02	-0.53261E-02	0.56263E-02	198.7
	9	0.44083E-03	-0.48045E-03	0.65205E-03	42.5
	10	-0.44128E-03	-0.20433E-03	0.48629E-03	245.1

MAX= 0.49836E-02 MIN=-0.42492E-01 PEAK TO PEAK/2= 0.23737E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

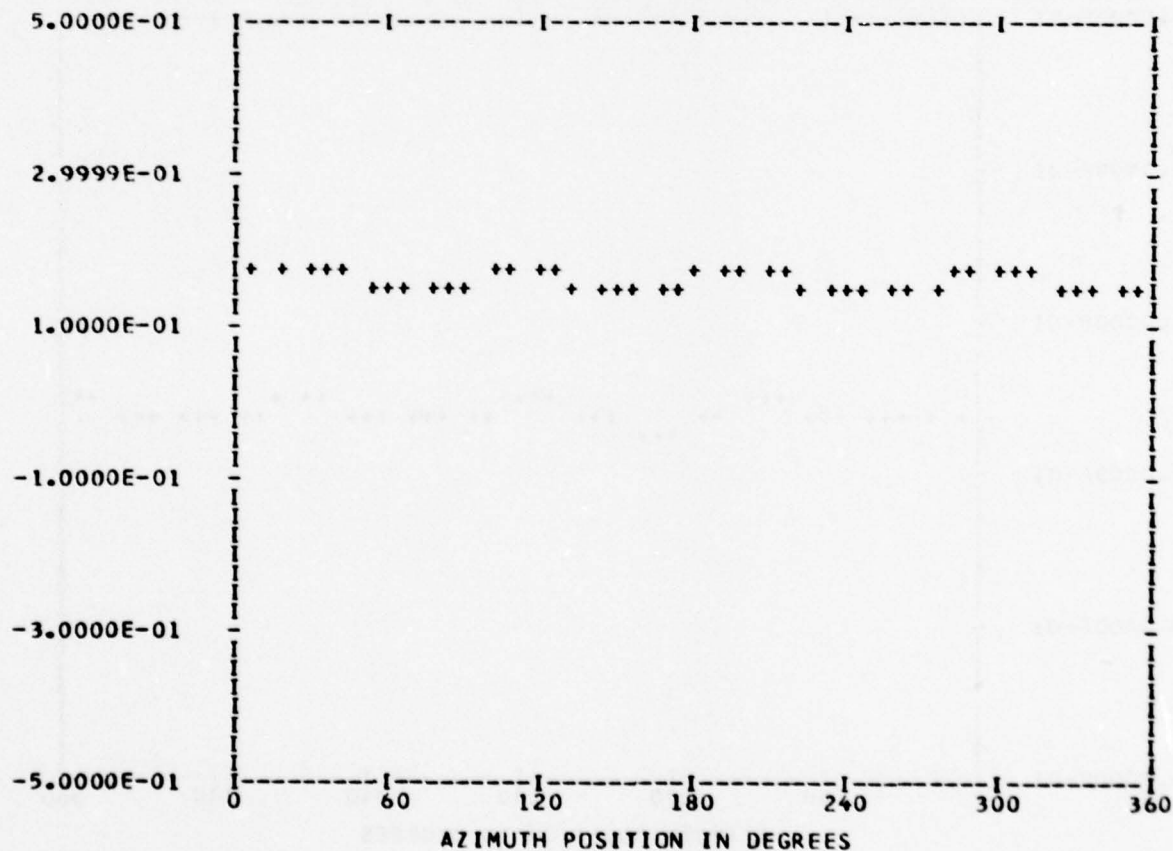
*** PS072.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 17
 TP 2
 CHAN 53

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.16143E 00					
	1	0.96609E-03	-0.44375E-03	0.10631E-02	114.6
	2	0.72762E-03	-0.11370E-02	0.13499E-02	147.3
	3	-0.18738E-02	0.12891E-03	0.18782E-02	273.9
	4	0.51348E-02	0.11762E-01	0.12834E-01	23.5
	5	0.37892E-03	0.12117E-02	0.12695E-02	17.3
	6	0.87489E-04	0.34177E-03	0.35279E-03	14.3
	7	-0.56970E-04	-0.26906E-03	0.27502E-03	191.9
	8	-0.66518E-03	0.16251E-02	0.17560E-02	337.7
	9	-0.32210E-03	0.80241E-03	0.86464E-03	338.1
	10	-0.32649E-03	0.28907E-03	0.43607E-03	311.5

MAX= 0.18090E 00 MIN= 0.14851E 00 PEAK TO PEAK/2= 0.16195E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

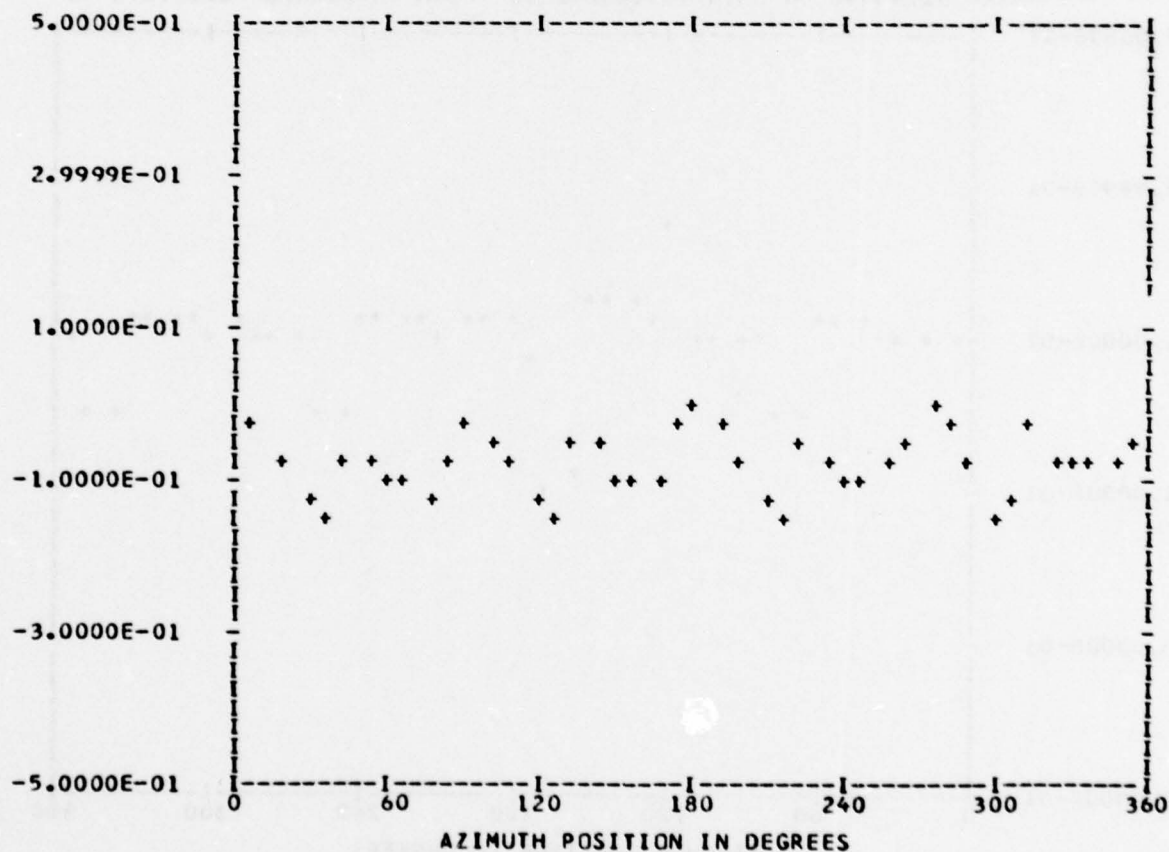
*** PS045.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 18
 TP 2
 CHAN 58

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.74520E-01	1	-0.16547E-02	-0.78901E-02	0.80617E-02	191.8
	2	0.56758E-02	-0.61333E-02	0.83566E-02	137.2
	3	0.45179E-02	-0.40042E-03	0.45356E-02	95.0
	4	0.21872E-01	-0.19091E-01	0.29032E-01	131.1
	5	-0.24889E-02	0.10766E-02	0.27117E-02	293.3
	6	-0.10278E-02	0.39467E-03	0.11010E-02	291.0
	7	0.27188E-02	-0.98102E-03	0.28904E-02	109.8
	8	0.38279E-01	-0.23949E-01	0.45154E-01	122.0
	9	-0.25020E-02	0.15068E-02	0.29207E-02	301.0
	10	-0.34200E-02	0.14455E-02	0.37129E-02	292.9

MAX=-0.34883E-03 MIN=-0.15300E 00 PEAK TO PEAK/2= 0.76325E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

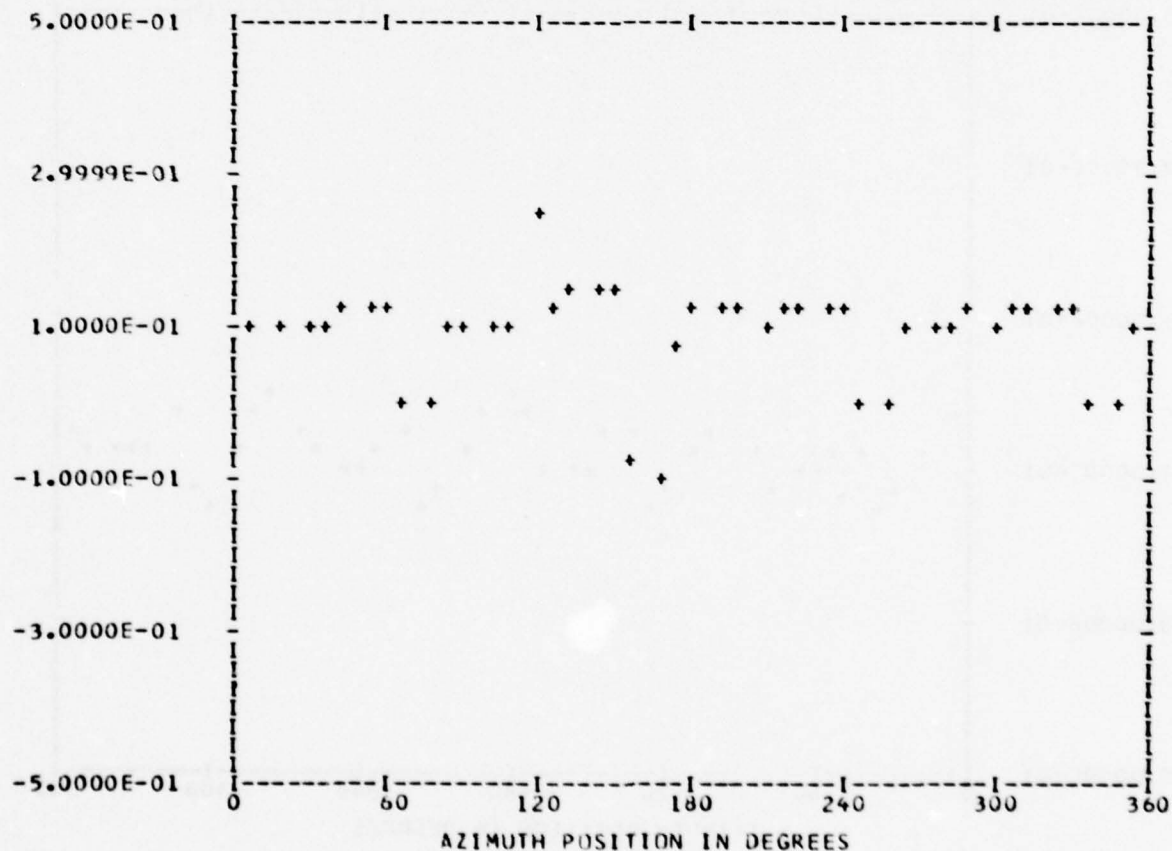
*** PS045.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEGE 0

RUN 18
 TP 2
 CHAN 49

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.96115E-01	1	-0.75503E-03	0.38999E-02	0.39723E-02	349.0
	2	-0.83120E-02	-0.16928E-02	0.84826E-02	258.4
	3	0.88081E-02	-0.88953E-02	0.12518E-01	135.2
	4	-0.15782E-01	0.53914E-01	0.56176E-01	343.6
	5	-0.72511E-02	-0.13507E-01	0.15330E-01	208.2
	6	0.10743E-01	0.48755E-02	0.11798E-01	65.5
	7	-0.54493E-02	-0.81113E-03	0.55093E-02	261.5
	8	0.43214E-01	0.36456E-02	0.43368E-01	85.1
	9	-0.58899E-02	-0.33690E-02	0.67853E-02	240.2
	10	0.10425E-01	0.17489E-02	0.10570E-01	80.4

MAX= 0.24944E 00 MIN=-0.10529E 00 PEAK TO PEAK/2= 0.17737E 00



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

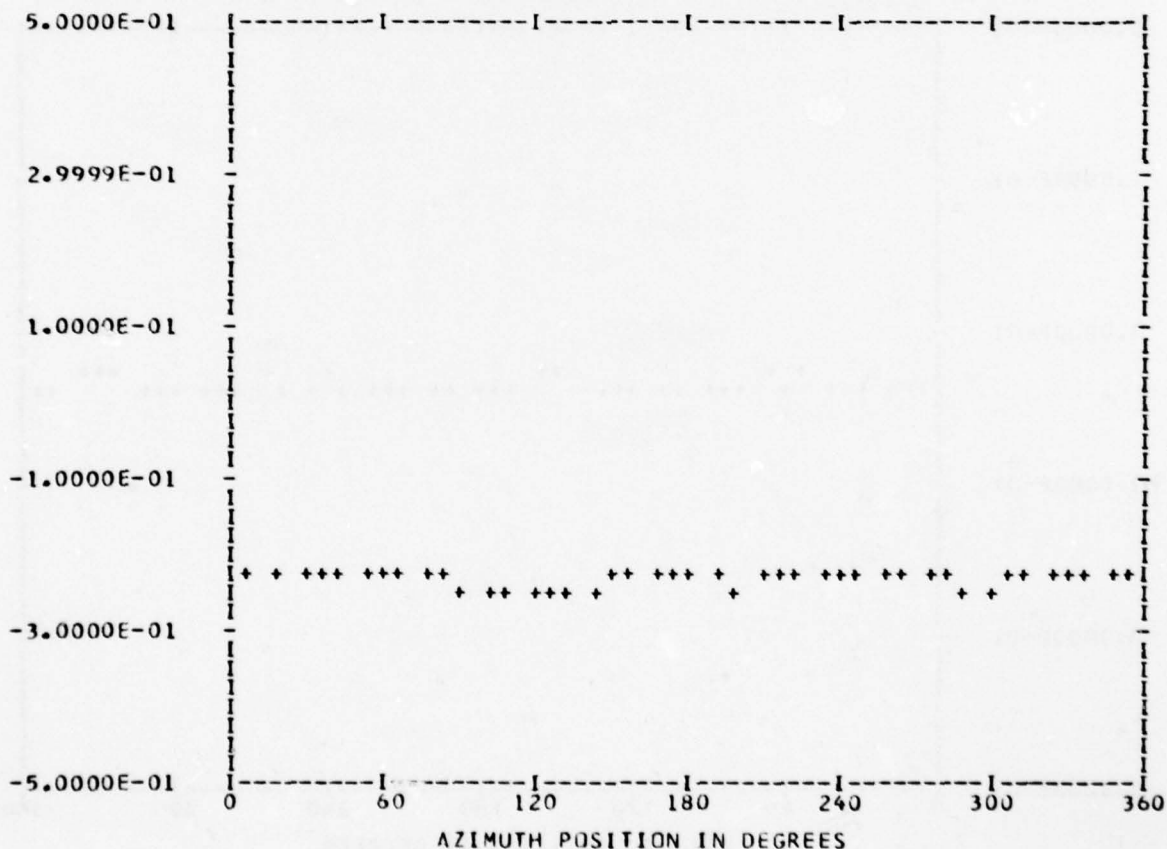
*** PS047.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANGEDGE 0

RUN 18
 TP 2
 CHAN 54

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.23241E 00	1	0.30770E-02	-0.30038E-02	0.43002E-02	134.3
	2	0.29245E-02	0.88435E-03	0.30553E-02	73.1
	3	-0.23586E-02	-0.55209E-03	0.24224E-02	256.8
	4	-0.26554E-02	-0.48449E-02	0.55249E-02	208.7
	5	0.45975E-03	0.73232E-03	0.86467E-03	32.1
	6	0.39528E-03	0.41106E-03	0.57028E-03	43.8
	7	-0.63497E-04	-0.23655E-03	0.24493E-03	195.0
	8	0.30950E-03	0.40304E-03	0.50817E-03	37.5
	9	-0.19064E-02	-0.88957E-03	0.21037E-02	244.9
	10	-0.52444E-03	-0.69832E-03	0.87332E-03	216.9

MAX=-0.22171E 00 MIN=-0.25076E 00 PEAK TO PEAK/2= 0.14522E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

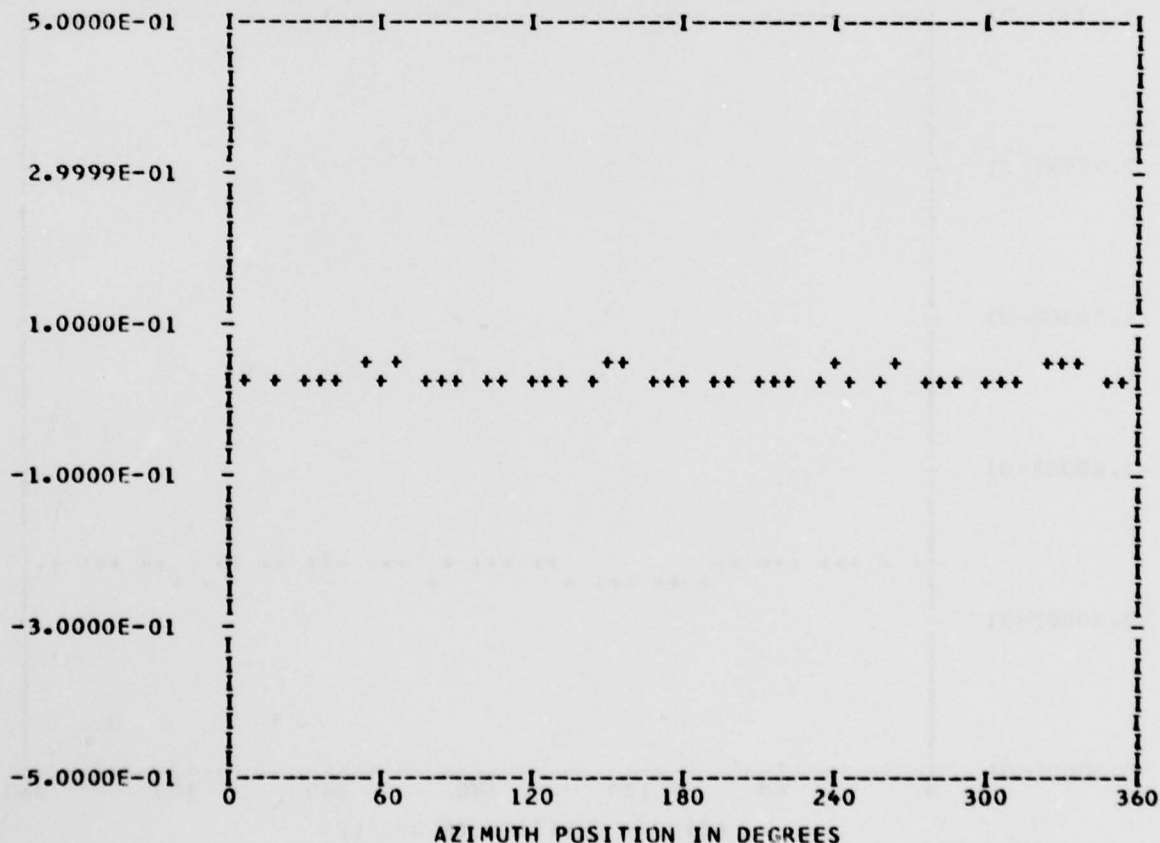
*** PS047.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 18
 TP 2
 CHAN 51

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.29825E-01	1	-0.29559E-03	-0.35464E-02	0.35587E-02	184.7
	2	0.95772E-03	-0.13886E-02	0.16869E-02	145.4
	3	-0.24051E-02	0.47878E-03	0.24523E-02	281.2
	4	-0.25685E-02	-0.68619E-02	0.73269E-02	200.5
	5	-0.15710E-02	-0.25414E-03	0.15914E-02	260.8
	6	-0.44188E-03	-0.64016E-03	0.77786E-03	214.6
	7	0.26088E-02	-0.93705E-03	0.27720E-02	109.7
	8	0.47568E-03	0.35739E-02	0.36054E-02	7.5
	9	-0.43927E-03	0.22552E-03	0.49378E-03	297.1
	10	0.76708E-03	-0.51940E-03	0.92639E-03	124.1

MAX= 0.43852E-01 MIN= 0.14228E-01 PEAK TO PEAK/2= 0.14811E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

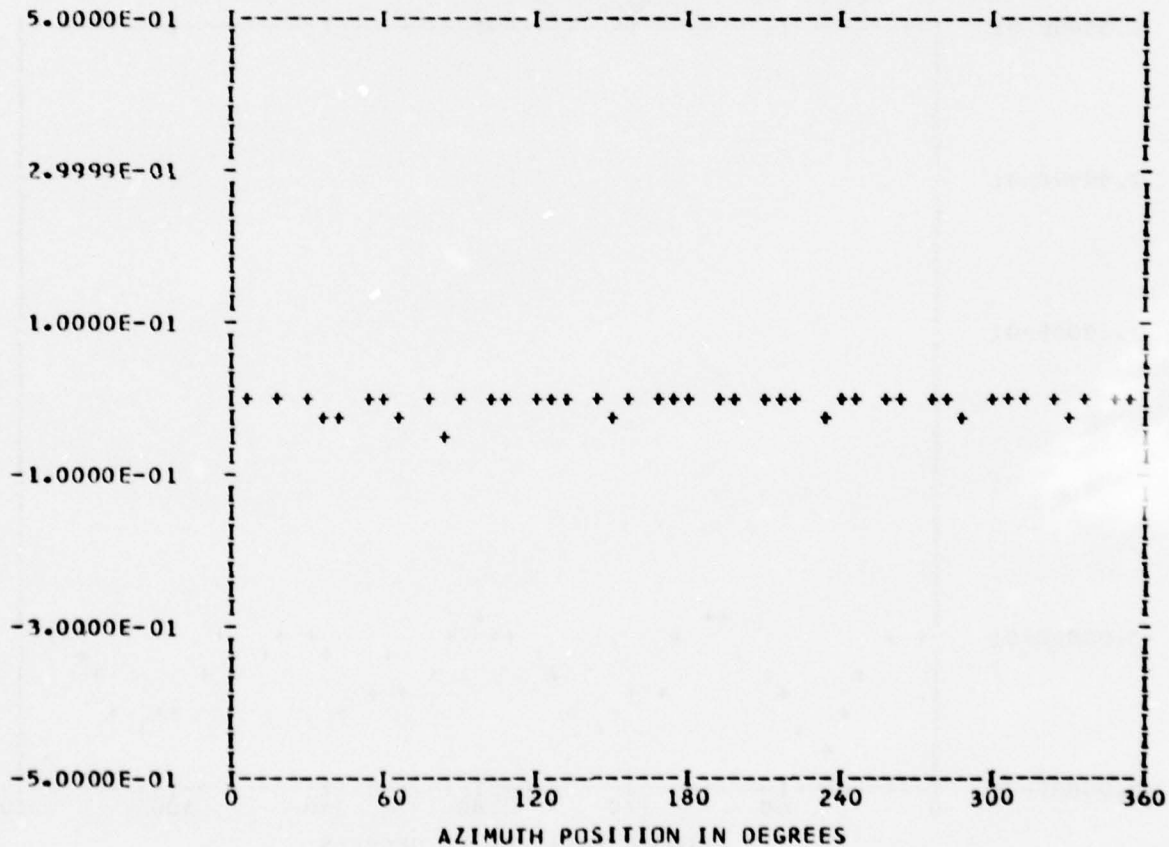
*** PS048.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 18
 TP 2
 CHAN 59

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.70135E-02	1	-0.39058E-02	-0.16230E-02	0.42295E-02	247.4
	2	0.18842E-02	-0.18415E-02	0.26347E-02	134.3
	3	0.28557E-02	-0.61130E-03	0.29204E-02	102.0
	4	0.16902E-02	0.67514E-03	0.18200E-02	68.2
	5	-0.24300E-02	-0.42260E-03	0.24665E-02	260.1
	6	0.28113E-02	-0.22500E-02	0.36008E-02	128.6
	7	0.47716E-02	-0.23480E-02	0.53180E-02	116.2
	8	0.10367E-03	0.14977E-03	0.18215E-03	34.6
	9	-0.17863E-02	0.34527E-02	0.38875E-02	332.6
	10	-0.45323E-02	0.36715E-02	0.58328E-02	309.0

MAX=-0.38822E-03 MIN=-0.53230E-01 PEAK TO PEAK/2= 0.26420E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

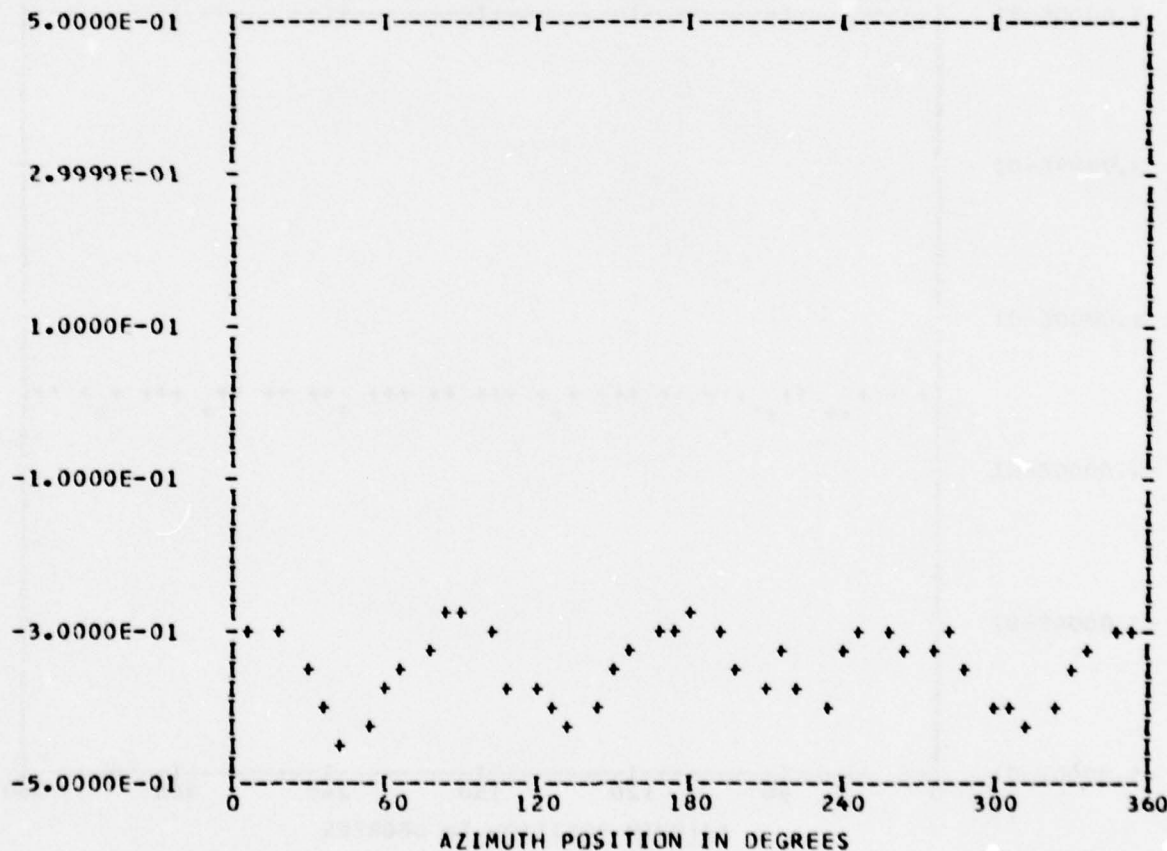
*** PS048.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEGE 0

RUN 18
 TP 2
 CHAN 61

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.34542E 00					
	1	-0.88435E-02	-0.38500E-02	0.96453E-02	246.4
	2	0.94387E-02	0.11130E-02	0.95041E-02	83.2
	3	0.44917E-02	-0.78916E-02	0.90804E-02	150.3
	4	0.36113E-01	-0.44132E-01	0.57024E-01	140.7
	5	0.81964E-02	0.78795E-02	0.11369E-01	46.1
	6	-0.23811E-02	0.68778E-02	0.72784E-02	340.9
	7	-0.11731E-02	0.66082E-02	0.67115E-02	349.9
	8	0.26498E-02	0.43802E-02	0.51194E-02	31.1
	9	0.65944E-02	0.37605E-02	0.75913E-02	60.3
	10	-0.94096E-03	-0.11970E-02	0.15226E-02	218.1

MAX=-0.27244E 00 MIN=-0.43831E 00 PEAK TO PEAK/2= 0.82935E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

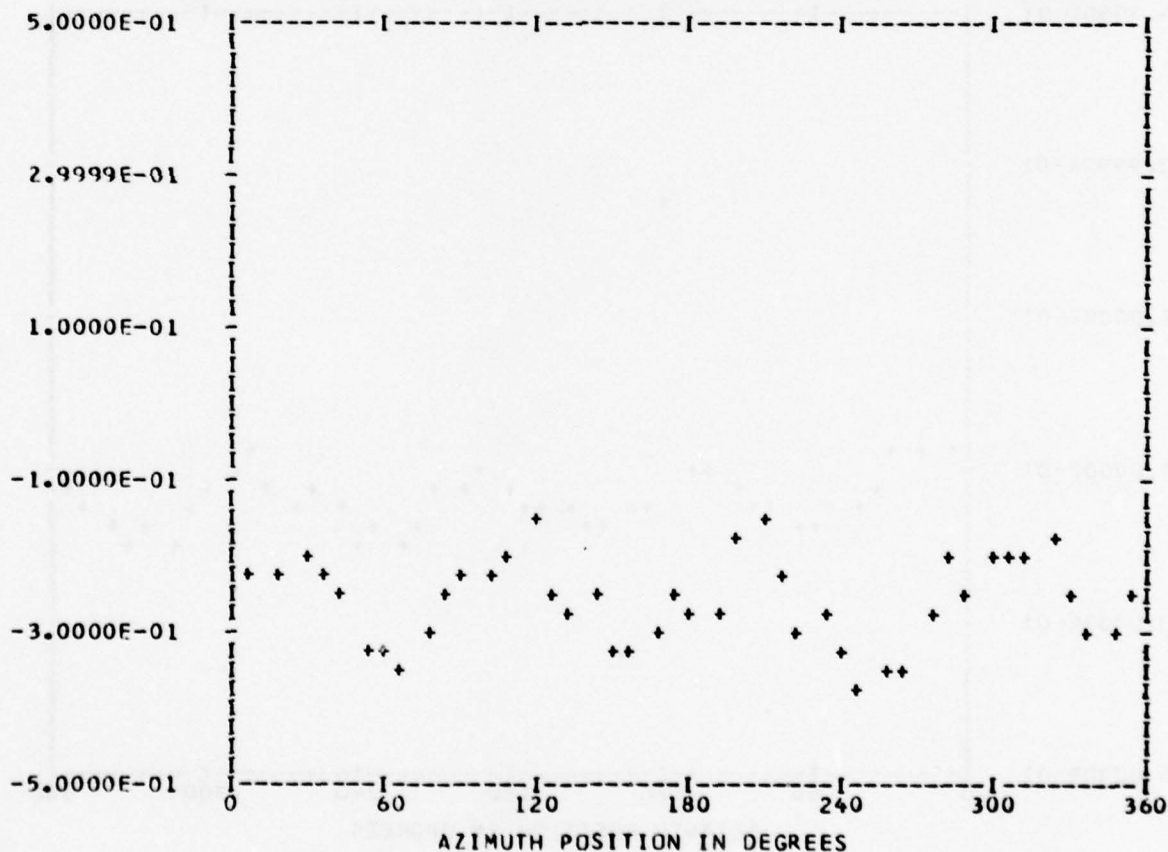
*** PS048.3 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***
ENTERED 44
OUT OF RANGE 0
BANDEDGE 0

RUN 18
TP 2
CHAN 47

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.25767E 00	1	0.85345E-02	0.16113E-02	0.86853E-02	79.3
	2	0.63477E-02	-0.18825E-01	0.19866E-01	161.3
	3	-0.61396E-02	-0.18383E-01	0.19381E-01	198.4
	4	0.10924E-01	0.58902E-01	0.59907E-01	10.5
	5	-0.45352E-03	0.73702E-02	0.73841E-02	355.4
	6	-0.12045E-01	0.63928E-02	0.13636E-01	297.9
	7	-0.14171E-02	0.54605E-02	0.56414E-02	345.4
	8	-0.68115E-04	-0.14341E-02	0.14357E-02	182.7
	9	0.12367E-01	-0.76976E-02	0.14567E-01	121.8
	10	-0.41377E-02	-0.90909E-02	0.99882E-02	204.4

MAX=-0.15460E 00 MIN=-0.36596E 00 PEAK TC PEAK/2= 0.10567E 00



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

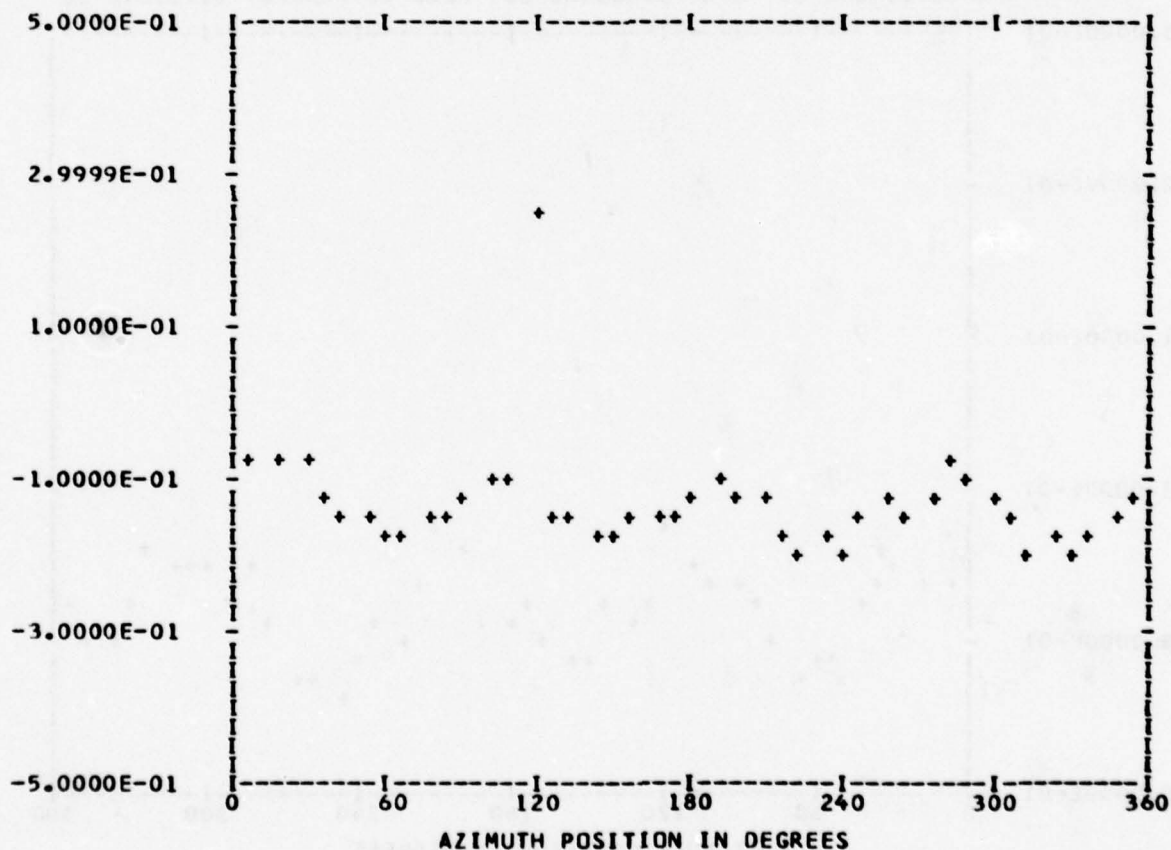
*** PS052.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BandedGE 0

RUN 18
 TP 2
 CHAN 57

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.13420E 00	1	0.27104E-02	0.20971E-01	0.21145E-01	7.3
	2	-0.12531E-01	-0.78497E-02	0.14787E-01	237.9
	3	0.21348E-01	0.80545E-03	0.21363E-01	87.8
	4	0.43567E-01	0.28600E-01	0.52116E-01	56.7
	5	-0.19240E-01	0.48619E-02	0.19845E-01	284.1
	6	0.73080E-02	-0.14996E-01	0.16682E-01	154.0
	7	0.10002E-01	0.95889E-02	0.13856E-01	46.2
	8	-0.16150E-01	0.20529E-01	0.26120E-01	321.8
	9	-0.25611E-02	-0.13261E-01	0.13506E-01	190.9
	10	0.14935E-01	0.17697E-02	0.15040E-01	83.2

MAX= 0.26141E 00 MIN=-0.20311E 00 PEAK TO PEAK/2= 0.23226E 00



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

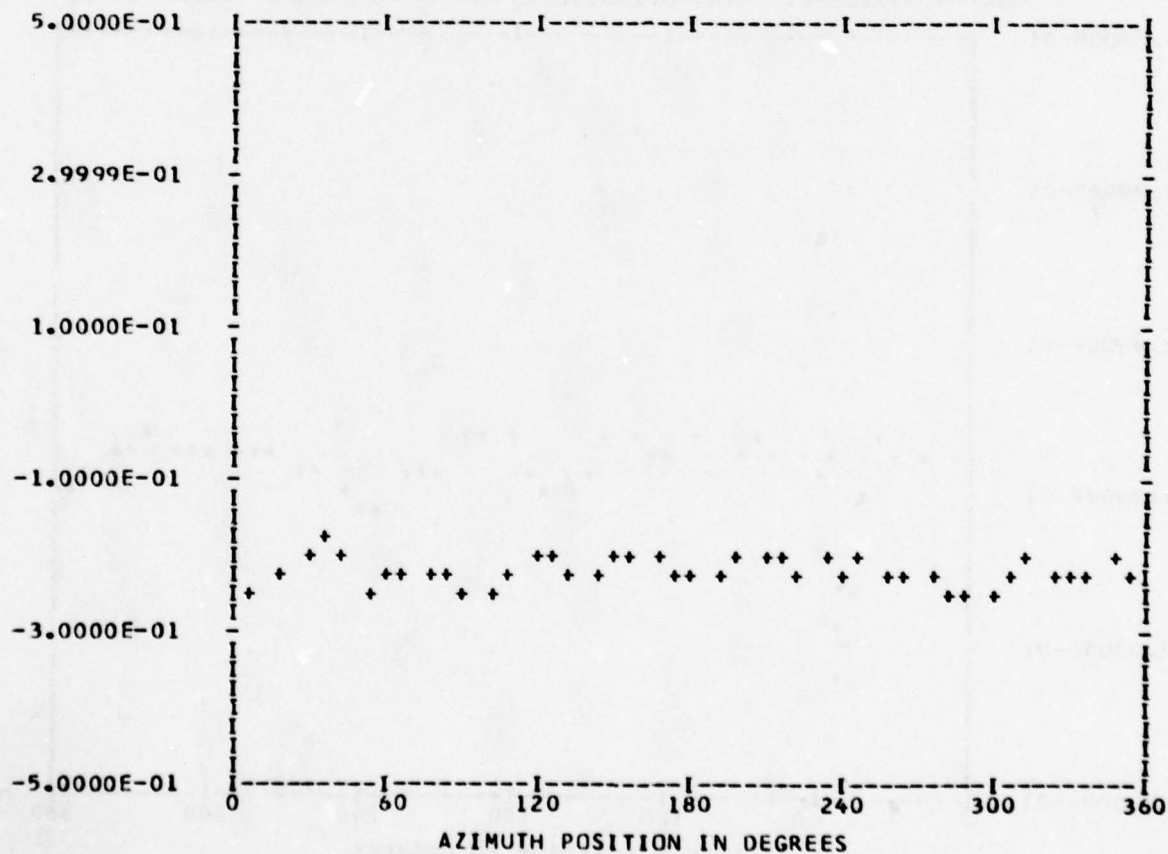
*** PS052.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANGEDGE 0

RUN 18
 TP 2
 CHAN 50

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.21922E 00	1	-0.51801E-02	0.42425E-02	0.66957E-02	309.3
	2	0.67309E-02	-0.15341E-03	0.67327E-02	91.3
	3	0.22422E-02	-0.55442E-03	0.23097E-02	103.8
	4	-0.12171E-01	0.64041E-03	0.12188E-01	273.0
	5	-0.67680E-02	0.23468E-02	0.71633E-02	289.1
	6	-0.16638E-02	0.76532E-04	0.16655E-02	272.6
	7	0.57171E-03	-0.16881E-02	0.17823E-02	161.2
	8	-0.10527E-01	-0.59900E-02	0.12112E-01	240.3
	9	0.83892E-03	-0.82742E-02	0.83166E-02	174.2
	10	-0.86747E-03	-0.42142E-03	0.96442E-03	244.0

MAX=-0.18342E 00 MIN=-0.25879E 00 PEAK TO PEAK/2= 0.37682E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

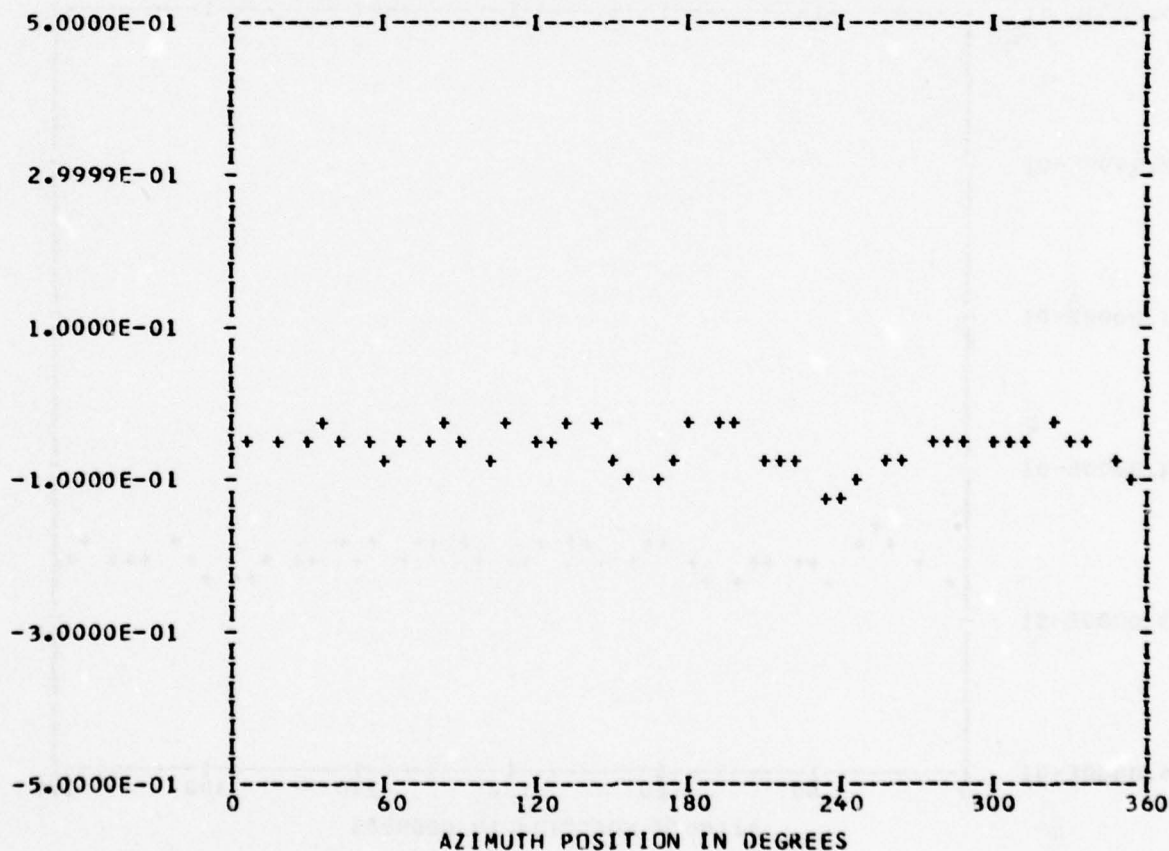
*** PS056.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 18
 IP 2
 CHAN 60

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.58267E-01	1	0.78678E-02	0.92461E-02	0.12140E-01	40.3
	2	-0.15483E-02	-0.77224E-02	0.78761E-02	191.3
	3	-0.11169E-01	0.37879E-02	0.11794E-01	288.7
	4	0.10526E-01	0.10737E-01	0.15036E-01	44.4
	5	-0.11796E-01	-0.26785E-02	0.12096E-01	257.2
	6	0.57062E-02	0.11171E-01	0.12544E-01	27.0
	7	-0.53548E-02	0.24628E-02	0.58941E-02	294.6
	8	0.56303E-02	-0.54311E-02	0.78229E-02	133.9
	9	0.30061E-03	0.12634E-02	0.12986E-02	13.3
	10	0.26920E-02	-0.48258E-02	0.55259E-02	150.8

MAX=-0.13310E-01 MIN=-0.12629E 00 PEAK TO PEAK/2= 0.56491E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

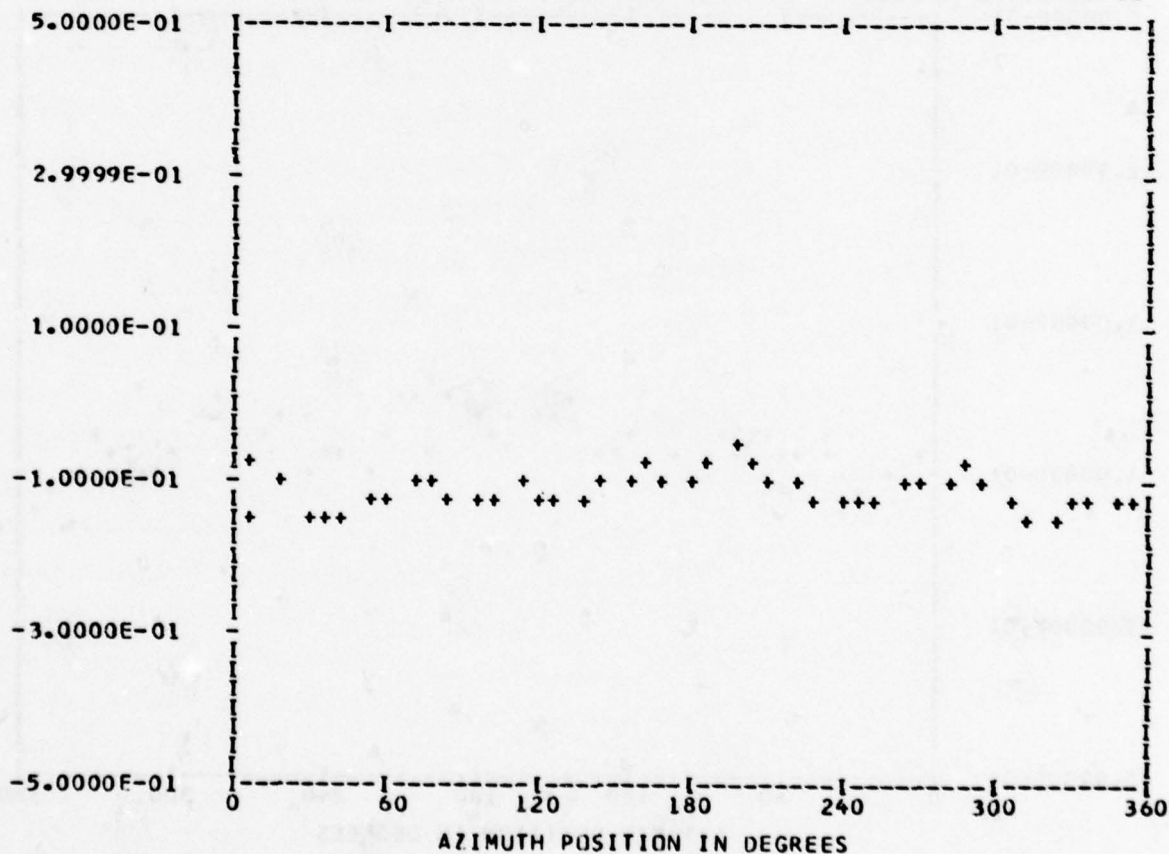
*** PS056.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 43
 OUT OF RANGE 0
 BANDEDGE 0

RUN 18
 TP 2
 CHAN 45

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.11393E 00	1	-0.16160E-01	-0.53283E-02	0.17016E-01	251.7
	2	0.65487E-02	-0.33680E-02	0.73640E-02	117.2
	3	-0.97956E-02	0.14660E-02	0.99047E-02	278.5
	4	0.17123E-01	0.26285E-02	0.17324E-01	81.2
	5	0.89417E-02	-0.84005E-02	0.12268E-01	133.2
	6	0.20493E-02	0.84312E-03	0.22159E-02	67.6
	7	-0.23605E-03	0.42467E-02	0.42533E-02	356.8
	8	-0.90812E-02	0.11527E-01	0.14674E-01	321.7
	9	-0.71027E-03	0.17860E-02	0.19220E-02	338.3
	10	0.47011E-03	0.58392E-02	0.58581E-02	4.6

MAX=-0.48168E-01 MIN=-0.15991E 00 PEAK TO PEAK/2= 0.55873E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

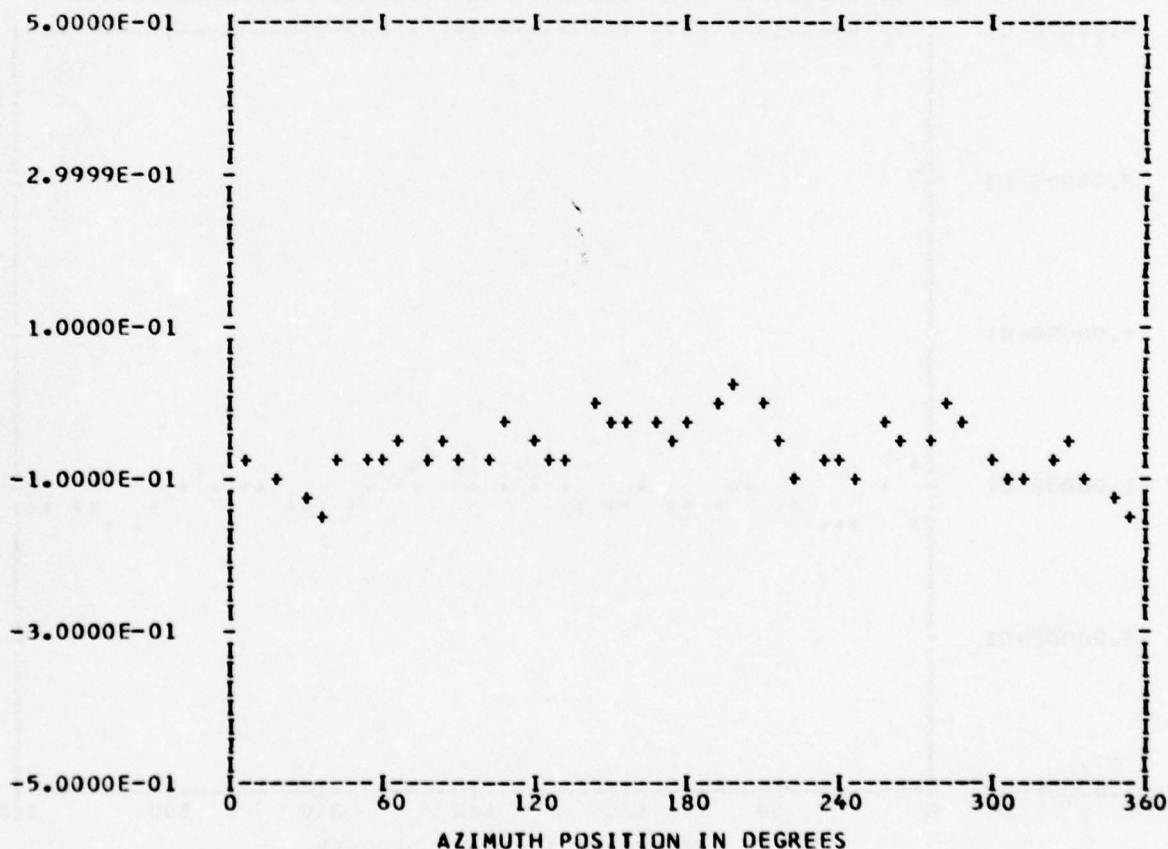
*** PS056.3 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BandedGE 0

RUN 18
 TP 2
 CHAN 48

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.62171E-01	1	-0.32258E-01	0.20746E-02	0.32325E-01	273.6
	2	-0.36587E-02	-0.69182E-02	0.78261E-02	207.8
	3	-0.14167E-01	0.49994E-02	0.15024E-01	289.4
	4	0.13396E-01	-0.79913E-03	0.13420E-01	93.4
	5	0.26983E-02	-0.12237E-01	0.12531E-01	167.5
	6	-0.33221E-02	0.91318E-02	0.97173E-02	340.0
	7	0.75664E-02	0.12665E-02	0.76717E-02	80.4
	8	0.27887E-02	0.18943E-01	0.19147E-01	8.3
	9	0.12616E-01	0.31644E-03	0.12620E-01	88.5
	10	0.11857E-01	0.68480E-03	0.11877E-01	86.6

MAX= 0.16171E-01 MIN=-0.14429E 00 PEAK TO PEAK/2= 0.80232E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

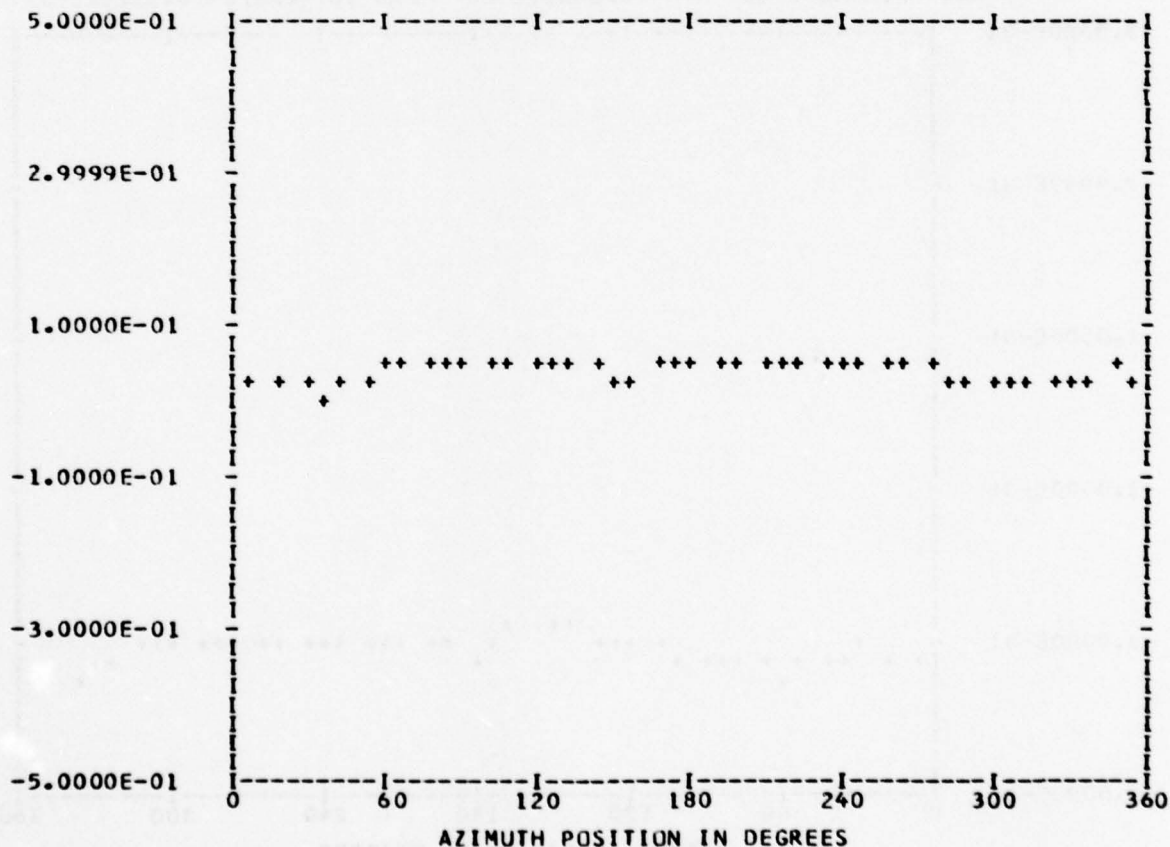
*** PS057.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BandedGE 0

RUN 18
 TP 2
 CHAN 55

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.38533E-01	1	-0.85360E-02	0.55824E-02	0.10199E-01	303.1
	2	-0.52407E-02	0.14419E-02	0.54354E-02	285.3
	3	0.13004E-03	-0.87247E-02	0.87256E-02	179.1
	4	0.47675E-02	-0.50724E-02	0.69613E-02	136.7
	5	-0.99347E-03	-0.22372E-02	0.24478E-02	203.9
	6	0.15002E-02	-0.37561E-03	0.15465E-02	104.0
	7	0.97945E-03	0.10592E-02	0.14427E-02	42.7
	8	0.10942E-02	0.17734E-02	0.20838E-02	31.6
	9	-0.23658E-03	0.48898E-03	0.54321E-03	334.1
	10	-0.85658E-03	-0.47473E-03	0.97934E-03	241.0

MAX= 0.62164E-01 MIN= 0.10360E-01 PEAK TO PEAK/2= 0.25901E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

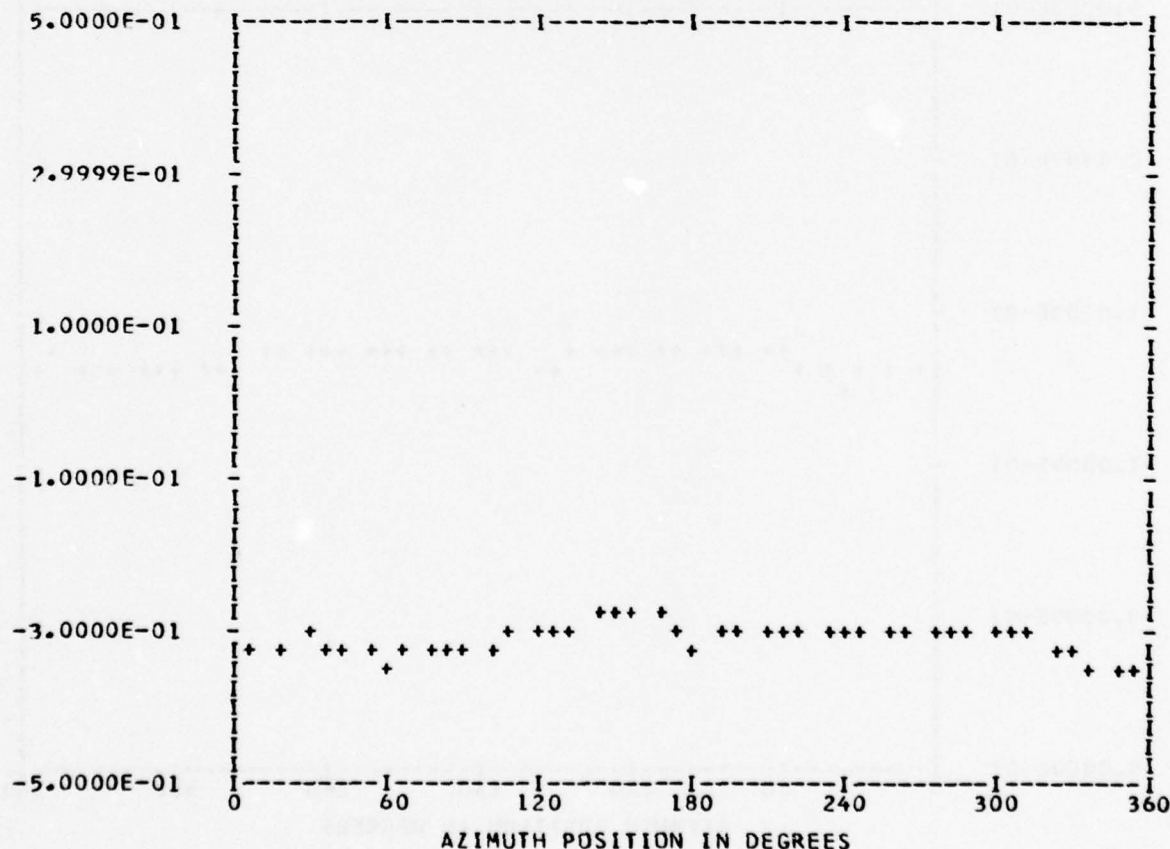
*** PS057.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANGEDGE 0

RUN 18
 TP 2
 CHAN 52

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.31086E 00					
	1	-0.17570E-01	-0.42071E-02	0.18066E-01	206.5
	2	-0.26035E-02	-0.42523E-02	0.49860E-02	211.4
	3	0.62746E-02	0.81292E-02	0.10269E-01	37.6
	4	-0.33498E-02	0.77202E-02	0.84156E-02	336.5
	5	0.15555E-02	0.38492E-02	0.41516E-02	22.0
	6	-0.65449E-03	0.12380E-02	0.14003E-02	332.1
	7	0.21021E-02	0.70922E-04	0.21033E-02	88.0
	8	-0.26794E-02	0.37559E-02	0.46136E-02	324.4
	9	0.12729E-02	-0.66870E-03	0.14378E-02	117.7
	10	-0.32752E-03	0.28346E-03	0.43315E-03	310.8

MAX=-0.28366E 00 MIN=-0.34606E 00 PEAK TO PEAK/2= 0.31202E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

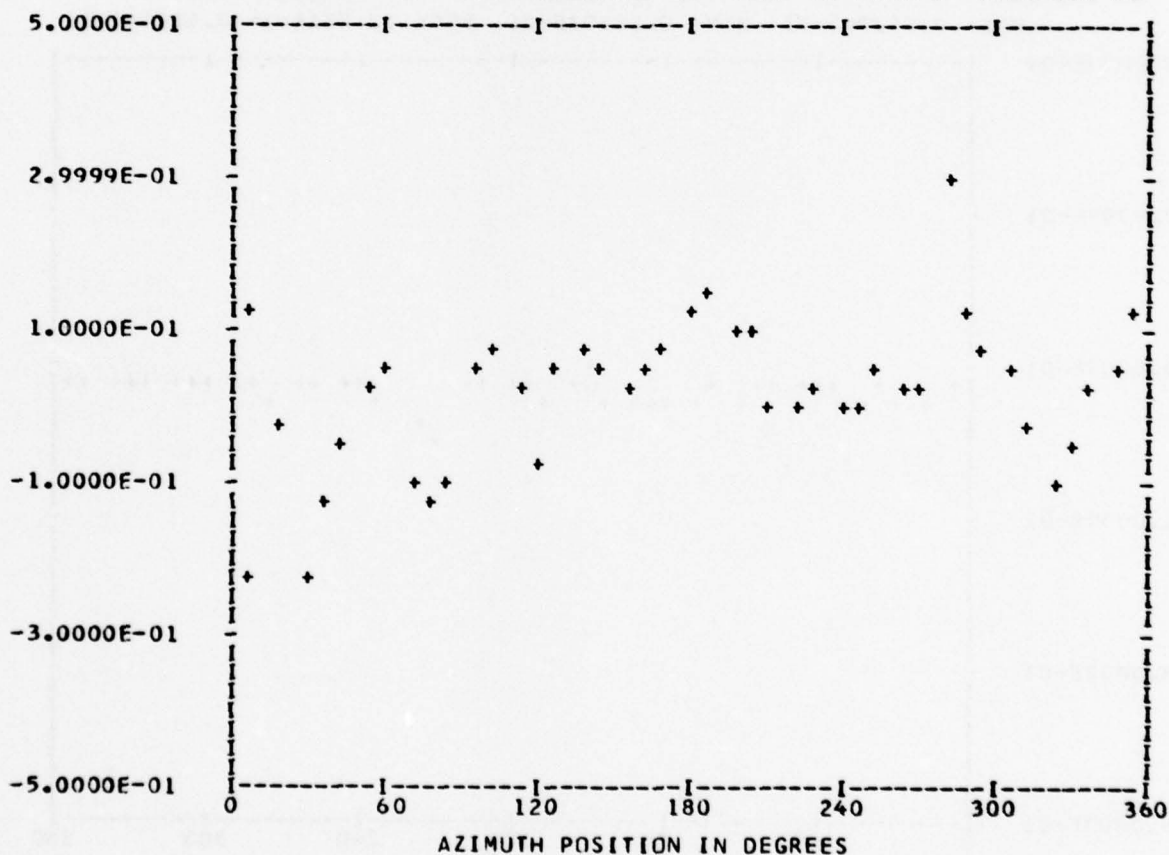
*** PS071.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 43
 OUT OF RANGE 0
 BANGEDGE 0

RUN 18
 TP 2
 CHAN 46

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.17742E-01	1	-0.50843E-01	-0.38850E-01	0.63987E-01	232.6
	2	-0.64040E-02	-0.31771E-01	0.32410E-01	191.3
	3	-0.10744E-01	0.81320E-02	0.13475E-01	307.1
	4	0.40633E-01	-0.66827E-02	0.41179E-01	99.3
	5	0.58360E-02	-0.46832E-01	0.47194E-01	172.8
	6	0.12697E-01	-0.47853E-01	0.49509E-01	165.1
	7	0.42349E-02	-0.26494E-01	0.26830E-01	170.9
	8	0.23573E-01	0.18610E-01	0.30034E-01	51.7
	9	-0.96238E-02	0.66892E-02	0.11720E-01	304.8
	10	-0.20253E-01	-0.19550E-01	0.28149E-01	226.0

MAX= 0.29702E 00 MIN=-0.23463E 00 PEAK TO PEAK/2= 0.26583E 00



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

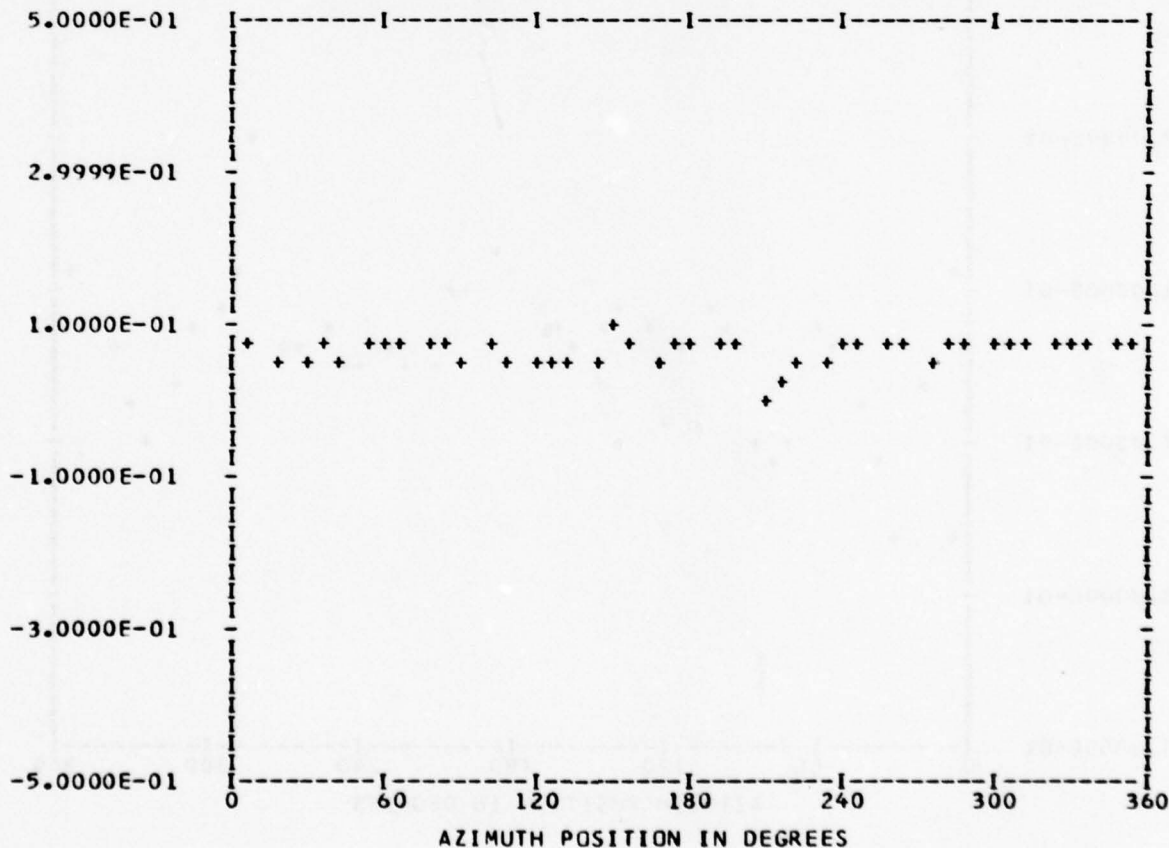
*** PS072.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BandedGE 0

RUN 18
 TP 2
 CHAN 56

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.65001E-01	1	0.61904E-02	-0.14576E-02	0.63596E-02	103.2
	2	-0.27761E-02	-0.18981E-02	0.33630E-02	235.6
	3	-0.47485E-02	0.28332E-02	0.55295E-02	300.8
	4	-0.33496E-04	-0.11694E-01	0.11694E-01	180.1
	5	-0.29993E-02	0.22949E-02	0.37766E-02	307.4
	6	0.54019E-02	-0.18001E-02	0.56940E-02	108.4
	7	-0.35451E-02	-0.29813E-02	0.46321E-02	229.9
	8	0.37905E-02	0.55061E-02	0.66848E-02	34.5
	9	-0.67345E-02	-0.17374E-02	0.69550E-02	255.5
	10	0.38513E-02	-0.25811E-03	0.38600E-02	93.8

MAX= 0.94229E-01 MIN= 0.12393E-01 PEAK TO PEAK/2= 0.40918E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

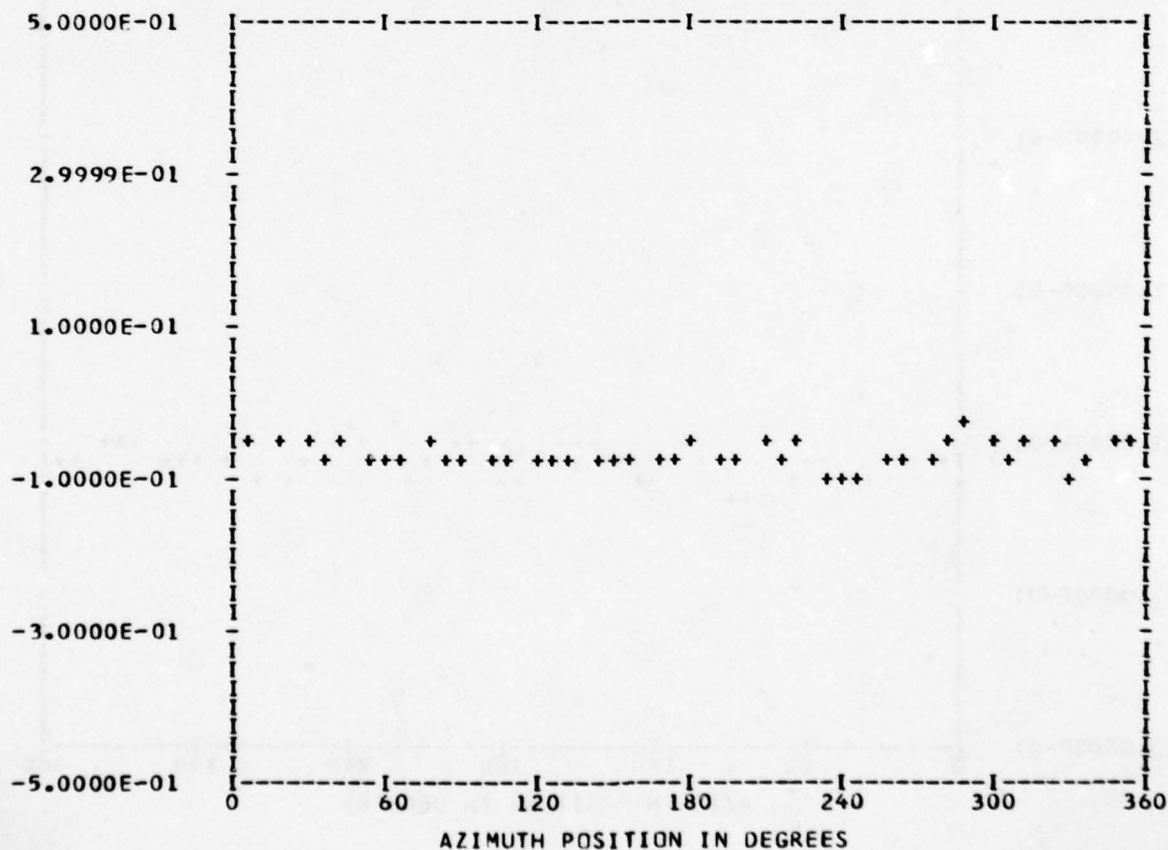
*** PS072.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BAND EDGE 0

RUN 18
 TP 2
 CHAN 53

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.67067E-01	1	0.96734E-02	-0.85780E-03	0.97113E-02	95.0
	2	0.37361E-02	-0.24886E-03	0.37443E-02	93.8
	3	-0.19237E-02	0.13417E-02	0.23454E-02	304.8
	4	0.91513E-02	0.43330E-02	0.10125E-01	64.6
	5	0.56571E-02	-0.47930E-02	0.74146E-02	130.2
	6	-0.14095E-03	0.17661E-02	0.17717E-02	355.4
	7	-0.50148E-03	-0.66850E-04	0.50592E-03	262.4
	8	0.39690E-03	0.10646E-02	0.11361E-02	20.4
	9	0.12865E-02	0.44818E-03	0.13624E-02	70.7
	10	0.26176E-02	-0.48710E-02	0.55298E-02	151.7

MAX=-0.35418E-01 MIN=-0.10207E 00 PEAK TO PEAK/2= 0.33329E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

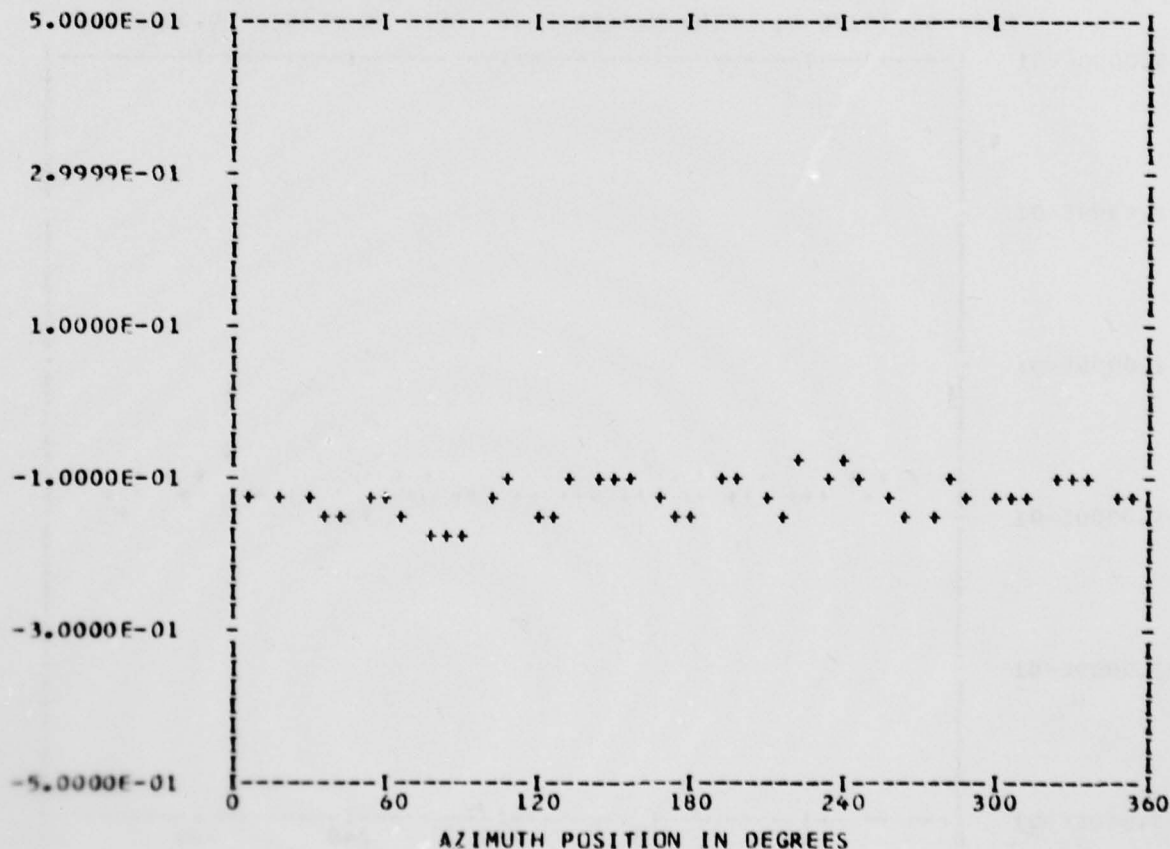
*** PS045.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEGE 0

RUN 19
 TP 9
 CHAN 58

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.12579E 00	1	-0.95213E-02	-0.11628E-01	0.15029E-01	219.3
	2	0.28155E-02	-0.66462E-02	0.72179E-02	157.0
	3	0.61058E-02	-0.16456E-02	0.63236E-02	105.0
	4	-0.15221E-01	0.50617E-02	0.16041E-01	288.3
	5	-0.20827E-02	-0.95004E-04	0.20849E-02	267.3
	6	-0.52003E-02	-0.25206E-02	0.57790E-02	244.1
	7	0.22246E-02	0.18828E-02	0.29145E-02	49.7
	8	0.11604E-01	0.12369E-01	0.16960E-01	43.1
	9	-0.52457E-02	-0.14307E-02	0.54373E-02	254.7
	10	-0.17549E-02	0.79613E-03	0.19271E-02	294.4

MAX=-0.78767E-01 MIN=-0.18544E 00 PEAK TO PEAK/2= 0.53337E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

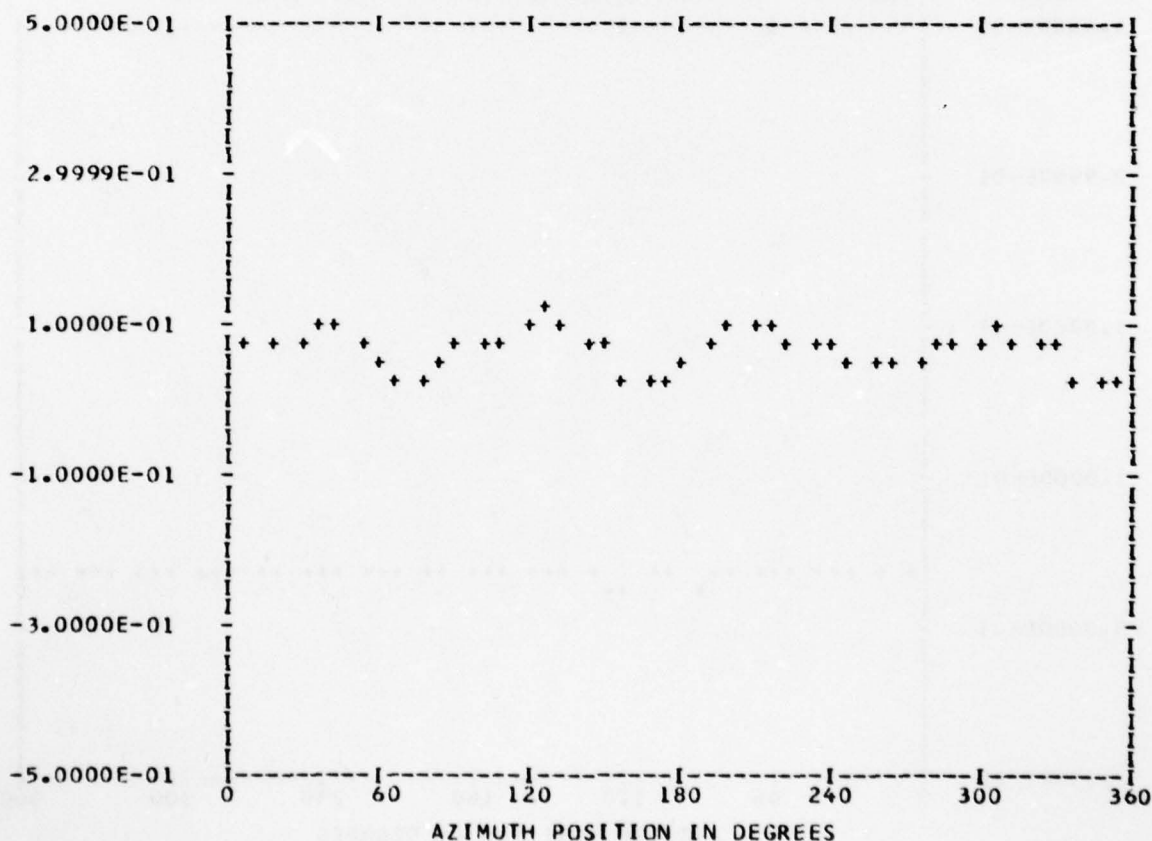
*** PS045.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 19
 TP 9
 CHAN 49

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.67174E-01	1	-0.31787E-02	0.14615E-02	0.34986E-02	294.6
	2	-0.34266E-02	-0.10296E-02	0.35780E-02	253.2
	3	0.40745E-02	0.97140E-03	0.41887E-02	76.5
	4	-0.13487E-01	0.29922E-01	0.32821E-01	335.7
	5	-0.29347E-02	-0.10673E-02	0.31228E-02	250.0
	6	-0.11638E-02	0.32999E-02	0.34991E-02	340.5
	7	-0.16272E-02	-0.27839E-02	0.32246E-02	210.3
	8	0.56837E-02	-0.11855E-02	0.58061E-02	101.7
	9	0.42360E-02	0.75613E-03	0.43030E-02	79.8
	10	0.24636E-03	0.22622E-03	0.33447E-03	47.4

MAX= 0.11792E 00 MIN= 0.19919E-01 PEAK TO PEAK/2= 0.49001E-01



UTTAS 1/5 TH SCALE MODEL FUSFLAGE PRESSURES---MID SECTION

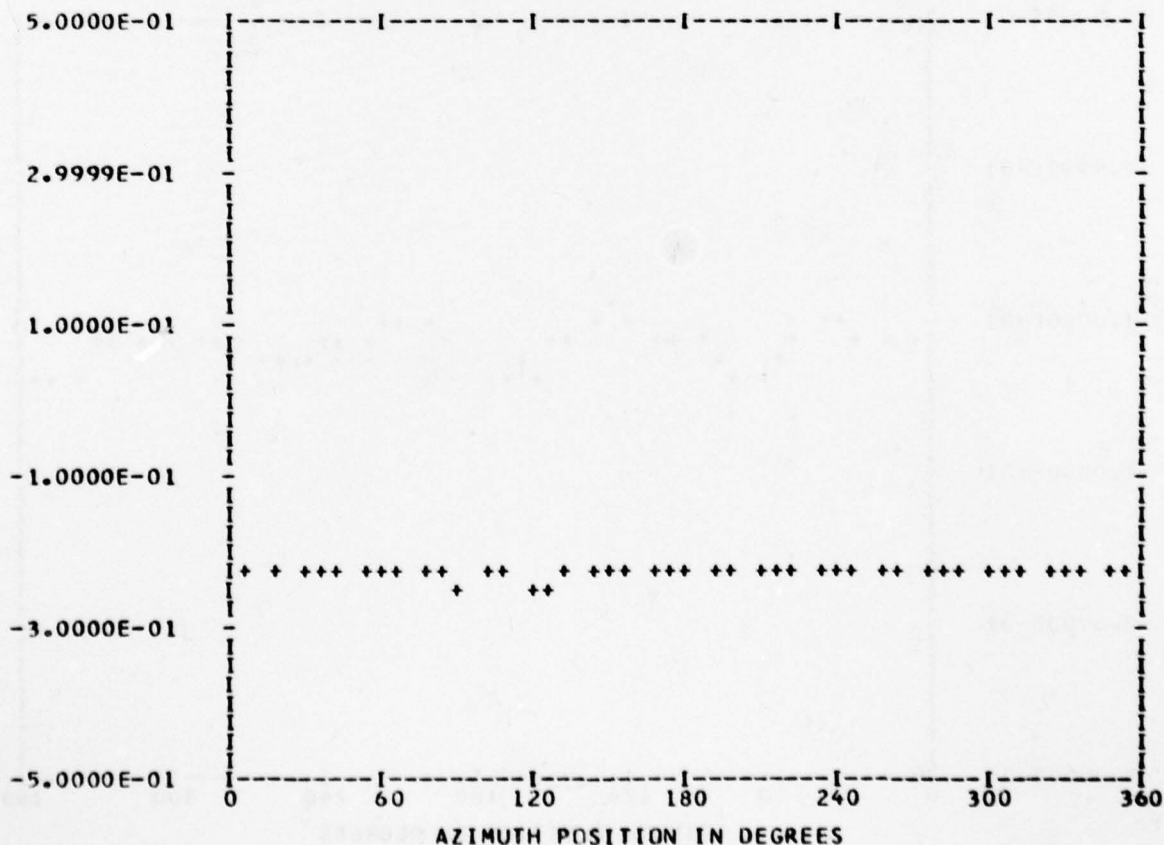
*** PS047.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 19
 TP 9
 CHAN 54

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.22923E 00	1	0.18408E-02	-0.20430E-02	0.27500E-02	137.9
	2	0.33328E-02	-0.24782E-03	0.33420E-02	94.2
	3	-0.19971E-04	0.27323E-02	0.27324E-02	359.5
	4	-0.94838E-03	-0.24538E-02	0.26307E-02	201.1
	5	0.32848E-03	0.11888E-02	0.12334E-02	15.4
	6	-0.40648E-03	0.24667E-03	0.47548E-03	301.2
	7	-0.16566E-03	0.42530E-03	0.45642E-03	338.7
	8	0.12726E-03	0.36316E-03	0.38481E-03	19.3
	9	-0.11831E-03	0.48009E-03	0.49446E-03	346.1
	10	-0.19655E-03	-0.14120E-02	0.14256E-02	187.9

MAX=-0.22068E 00 MIN=-0.24066E 00 PEAK TO PEAK/2= 0.99931E-02



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

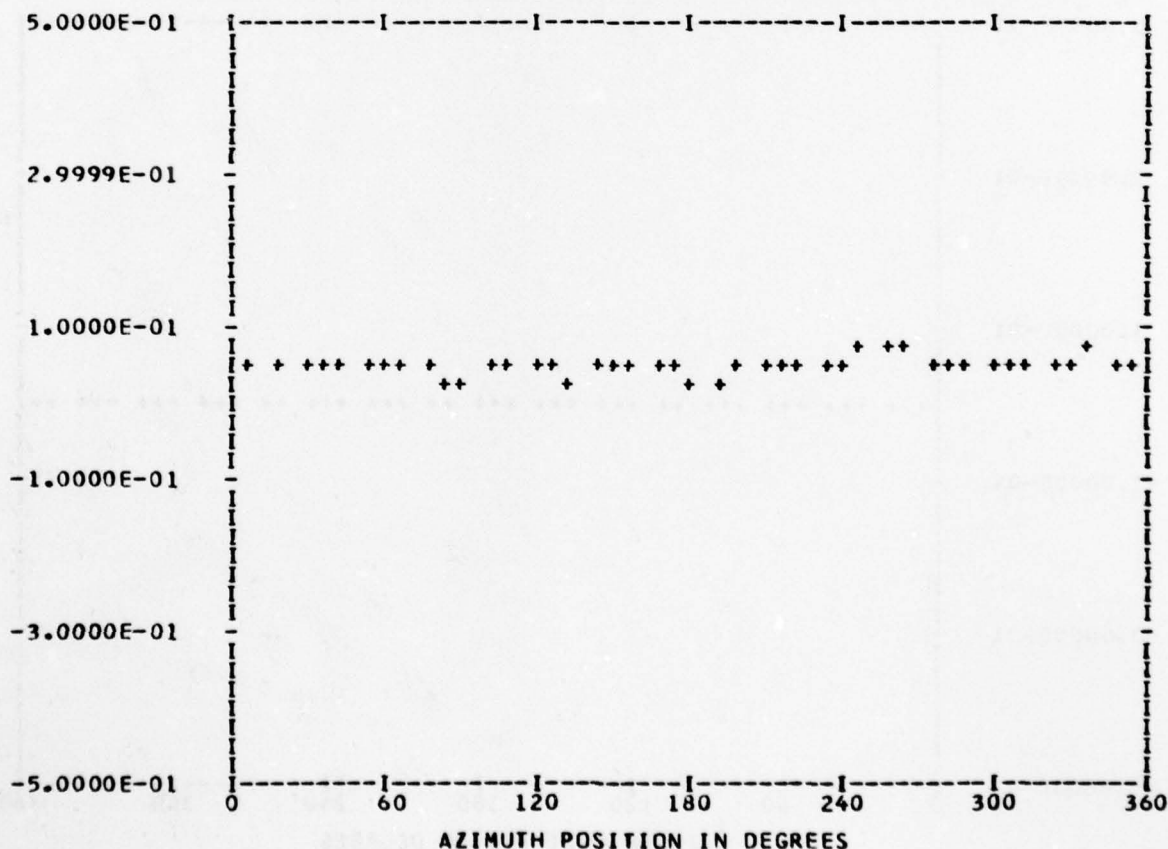
*** PS047.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***

ENTERED	44	RUN	19
OUT OF RANGE	0	TP	9
BANDEDGE	0	CHAN	51

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.48438E-01	1	0.14200E-03	-0.77920E-02	0.77933E-02	178.9
	2	-0.19836E-02	-0.23050E-03	0.19969E-02	263.3
	3	0.85636E-03	0.31380E-02	0.32528E-02	15.2
	4	-0.41997E-02	-0.30809E-02	0.52086E-02	233.7
	5	-0.10411E-02	-0.12315E-02	0.16127E-02	220.2
	6	-0.16590E-02	-0.14319E-02	0.21915E-02	229.2
	7	0.20715E-02	-0.81486E-03	0.22260E-02	111.4
	8	-0.39329E-02	0.33019E-02	0.51352E-02	310.0
	9	-0.68204E-03	0.73811E-03	0.10049E-02	317.2
	10	-0.41894E-03	0.26890E-03	0.49781E-03	302.6

MAX= 0.67894E-01 MIN= 0.29071E-01 PEAK TO PEAK/2= 0.19411E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

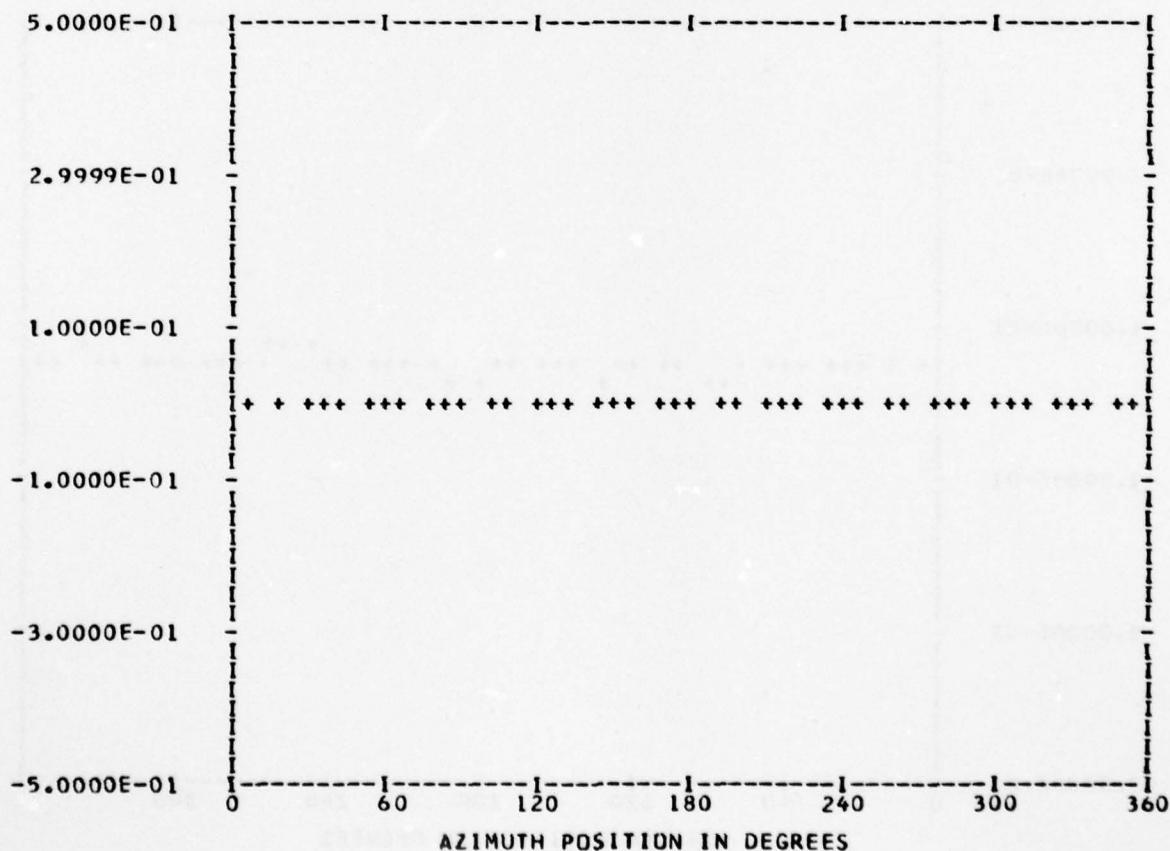
*** PS048.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 19
 TP 9
 CHAN 59

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.16774E-02	1	-0.46682E-04	0.15981E-04	0.49342E-04	288.8
	2	-0.77573E-04	0.18422E-04	0.79731E-04	283.3
	3	0.32873E-04	-0.43355E-04	0.54408E-04	142.8
	4	-0.79028E-04	0.41942E-04	0.89468E-04	297.9
	5	0.79103E-04	-0.50453E-04	0.93823E-04	122.5
	6	0.14553E-03	0.54643E-04	0.15545E-03	69.4
	7	-0.49126E-04	-0.26775E-04	0.55948E-04	241.4
	8	-0.36496E-05	-0.28204E-05	0.46125E-05	232.3
	9	0.24109E-04	0.56834E-04	0.61736E-04	22.9
	10	-0.48143E-04	-0.49630E-04	0.69144E-04	224.1

MAX=-0.86272E-03 MIN=-0.21568E-02 PEAK TO PEAK/2= 0.64704E-03



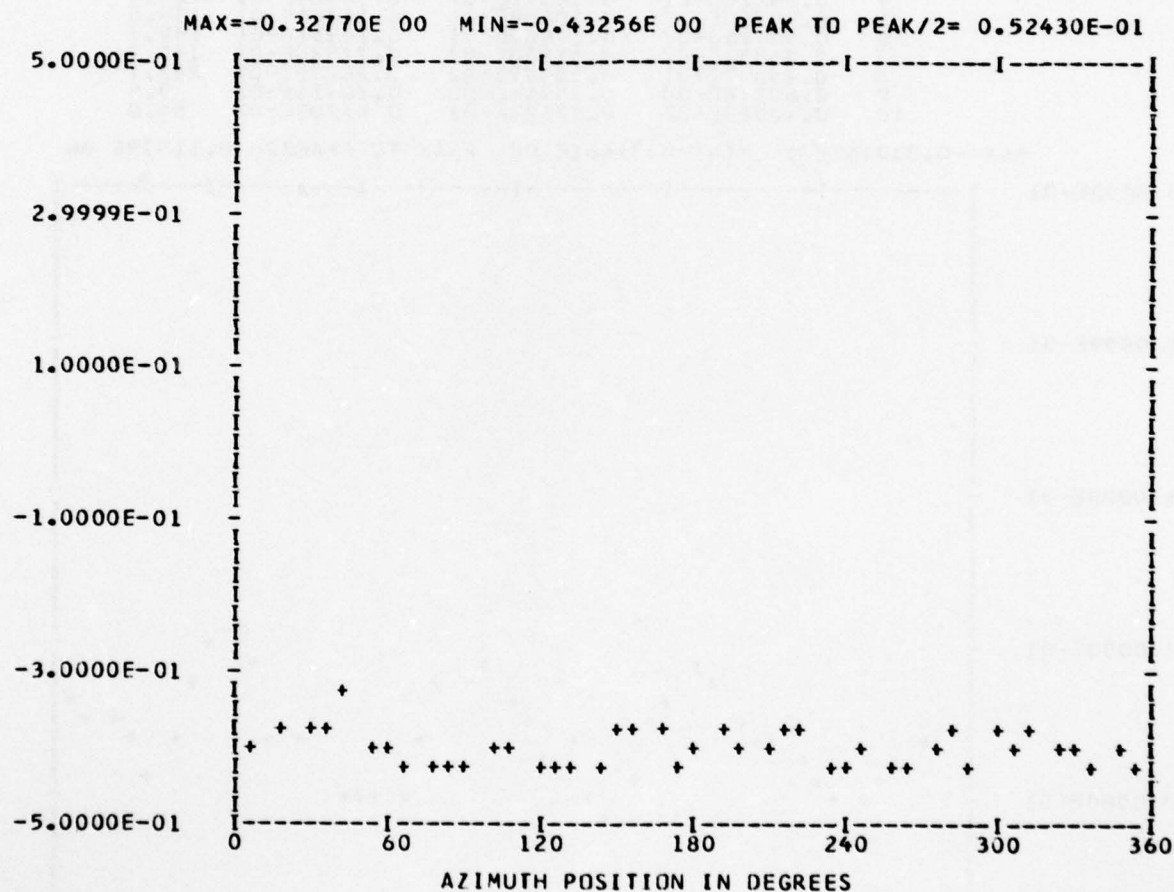
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 6

*** PS048.2 WAVEFORM ***
 *** CYCLE 0 ***

RUN 19
 TP 9
 CHAN 61

HARMONIC ANALYSIS SKIPPED



8888	A	N	N	DDDD	EEEE	DDDD	GGGG	EEEE
B B	A A	NN	NN	D D	E E	D D	G G	E E
8888	A A A	N N	N N	D D	E E E	D D	G G G	E E E
B B	AAAAA	N N	NN	D D	E E E	D D	G G G	E E E
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UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

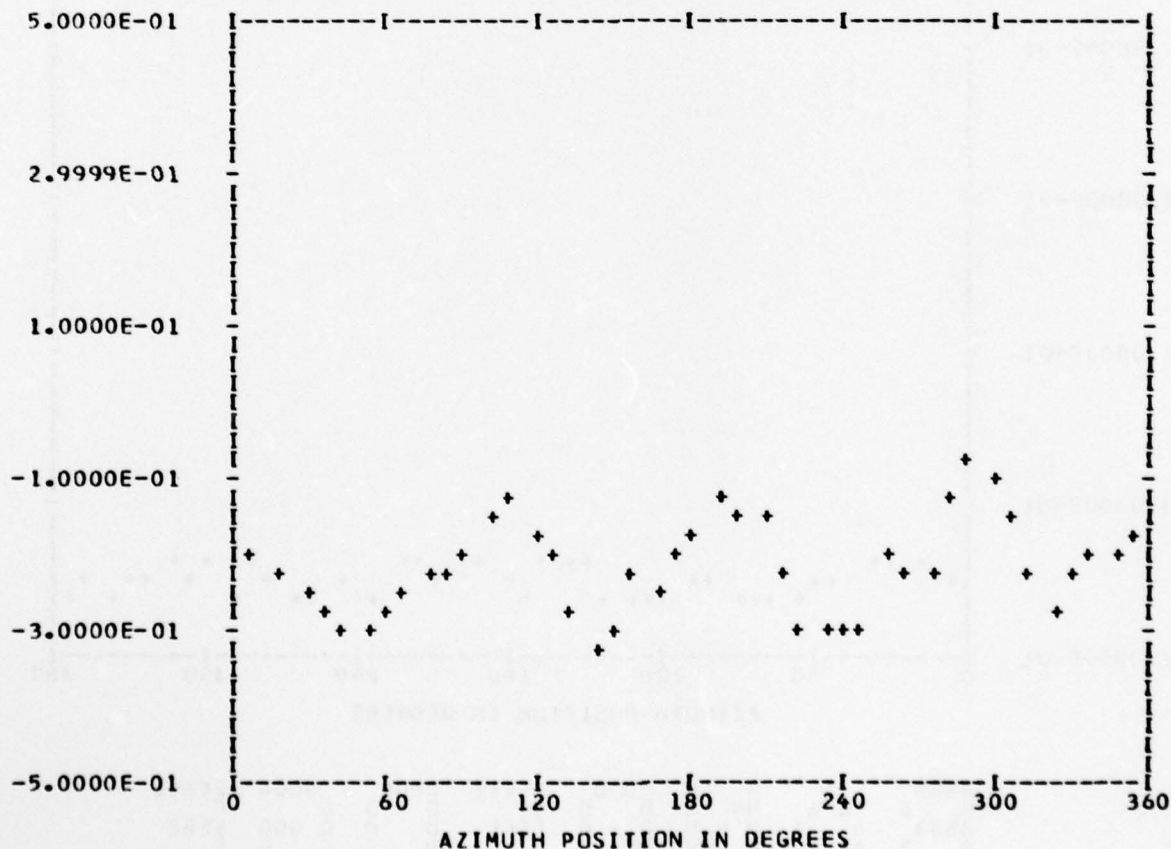
*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BandedGE 0

*** PS048.3 WAVEFORM ***
 *** CYCLE 0 ***

RUN 19
 TP 9
 CHAN 47

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.21874E 00					
	1	0.36121E-02	-0.12269E-01	0.12789E-01	163.5
	2	-0.63244E-02	-0.25871E-01	0.26633E-01	193.7
	3	-0.18020E-01	-0.16456E-01	0.24404E-01	227.5
	4	0.56226E-01	0.34571E-01	0.66004E-01	58.4
	5	0.39726E-02	-0.10668E-01	0.11384E-01	159.5
	6	0.96426E-02	-0.11400E-01	0.14931E-01	139.7
	7	0.36852E-02	-0.61888E-02	0.72030E-02	149.2
	8	-0.19397E-01	0.58327E-02	0.20255E-01	286.7
	9	0.60178E-03	0.35914E-02	0.36414E-02	9.5
	10	0.40983E-02	0.42527E-03	0.41203E-02	84.0

MAX=-0.83014E-01 MIN=-0.31461E 00 PEAK TO PEAK/2= 0.11579E 00



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

```

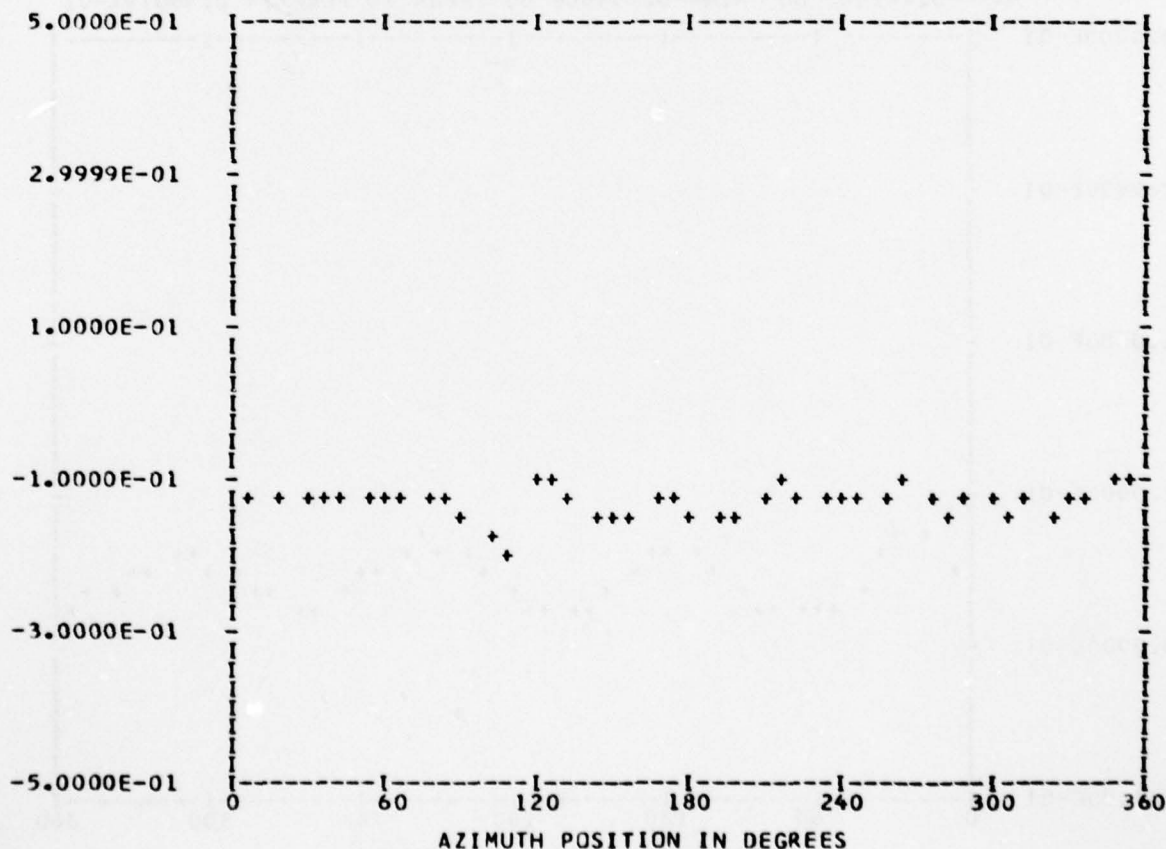
*** PS052.1 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***
ENTERED 44
OUT OF RANGE 0
BANDEDGE 0

RUN 19
TP 9
CHAN 57

STEADY HARM COS COEFF SIN COEFF RES PHASE
-0.13037E 00 1 0.54310E-02 -0.26927E-02 0.60619E-02 116.3
2 0.63977E-02 0.43905E-02 0.77594E-02 55.5
3 0.55955E-02 0.98774E-03 0.56820E-02 79.9
4 -0.35890E-02 -0.31567E-02 0.47798E-02 228.6
5 -0.40240E-03 -0.95036E-02 0.95121E-02 182.4
6 0.34541E-02 -0.25723E-03 0.34637E-02 94.2
7 -0.20238E-02 0.73693E-02 0.76421E-02 344.6
8 -0.13198E-01 -0.67959E-02 0.14845E-01 242.7
9 0.60738E-02 -0.44106E-03 0.60898E-02 94.1
10 0.33154E-02 0.37069E-02 0.49733E-02 41.8
    
```

MAX=-0.94567E-01 MIN=-0.20476E 00 PEAK TC PEAK/2= 0.55098E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

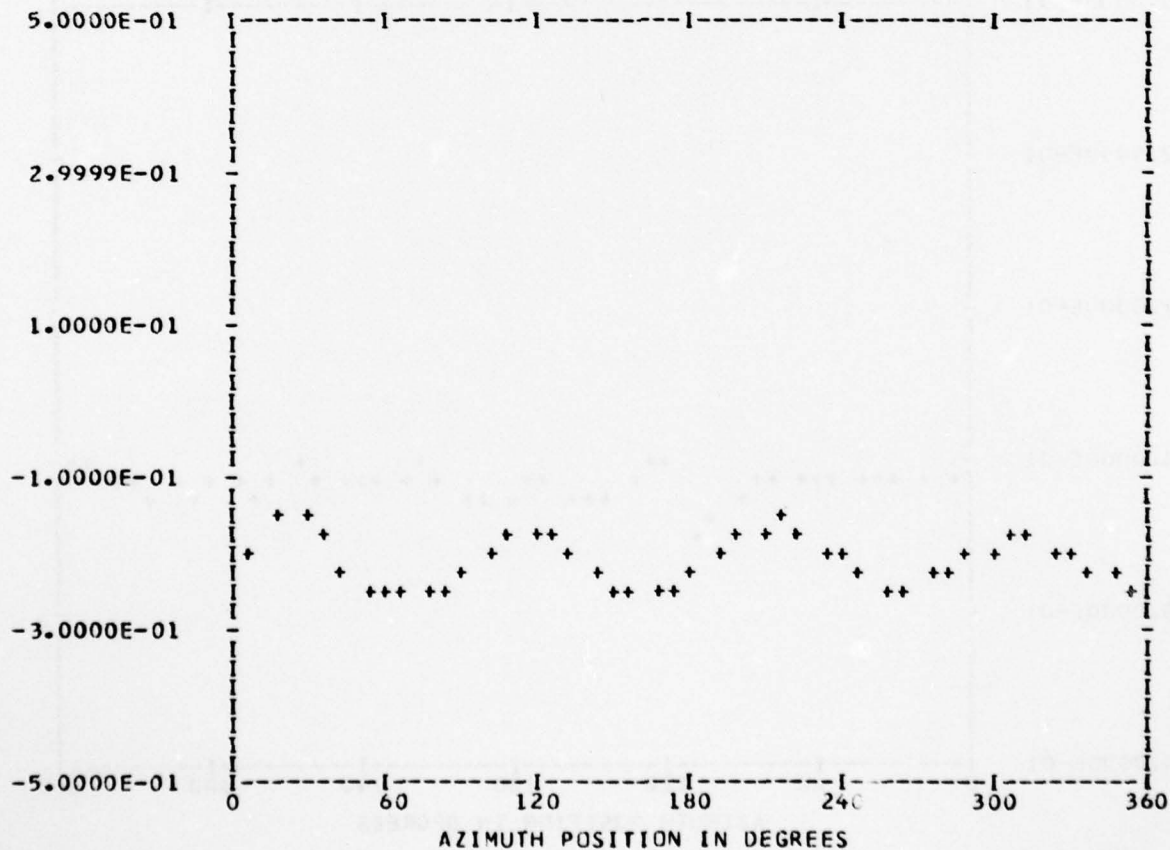
*** PS052.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 19
 TP 9
 CHAN 50

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.20793E 00	1	-0.82741E-03	-0.59529E-02	0.60101E-02	187.9
	2	0.84348E-02	0.16164E-02	0.85883E-02	79.1
	3	0.71579E-02	-0.10612E-01	0.12801E-01	146.0
	4	-0.47239E-02	0.38047E-01	0.38340E-01	352.9
	5	-0.26223E-02	0.87469E-02	0.91316E-02	343.3
	6	-0.26013E-03	0.61197E-02	0.61252E-02	357.5
	7	-0.45031E-04	0.72908E-02	0.72909E-02	359.6
	8	-0.54464E-02	-0.21301E-02	0.58481E-02	248.6
	9	-0.13571E-02	-0.23226E-02	0.26900E-02	210.2
	10	-0.24924E-02	-0.24015E-03	0.25040E-02	264.4

MAX=-0.14246E 00 MIN=-0.25450E 00 PEAK TO PEAK/2= 0.56019E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

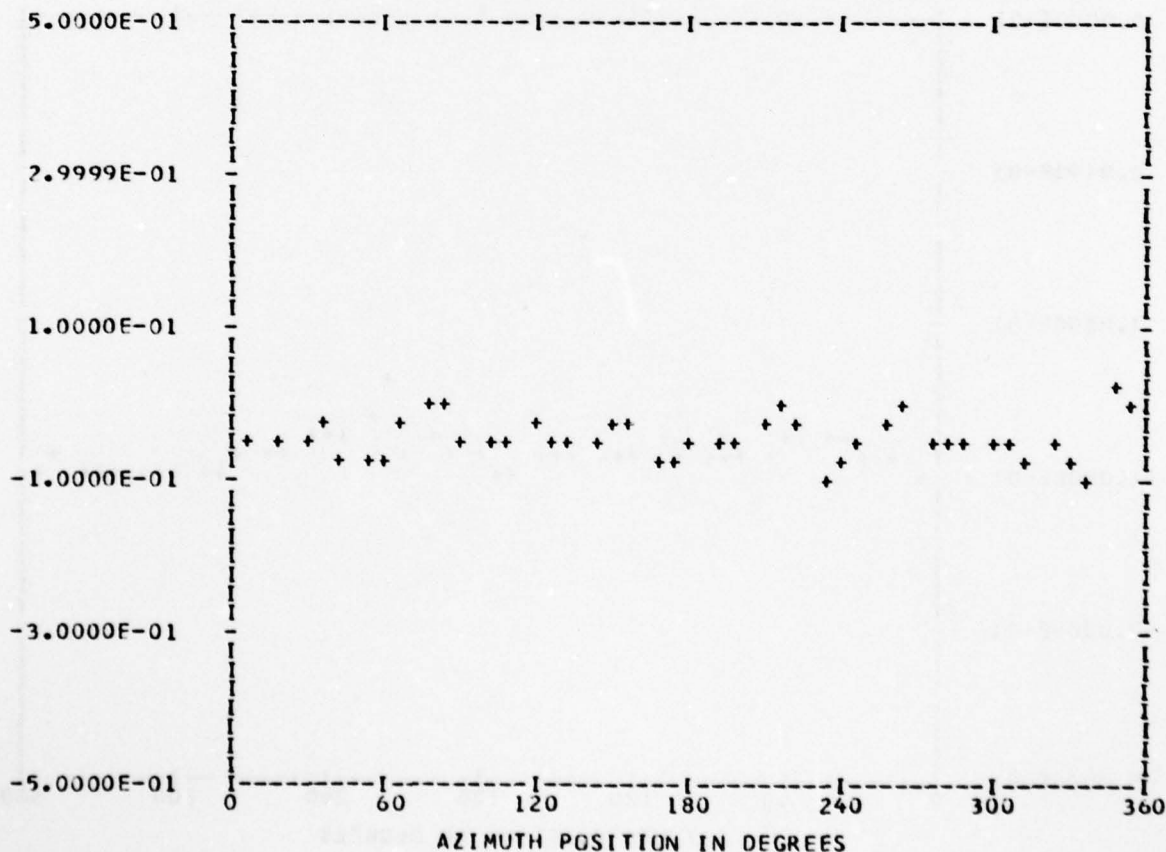
*** PS056.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEGE 0

RUN 19
 TP 9
 CHAN 60

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.43545E-01	1	0.21371E-02	0.33421E-02	0.39670E-02	32.5
	2	-0.95100E-03	0.21556E-02	0.23561E-02	336.1
	3	0.58088E-02	-0.61210E-02	0.84385E-02	136.4
	4	0.98611E-02	-0.41376E-02	0.10694E-01	112.7
	5	0.54933E-02	-0.11889E-01	0.13097E-01	155.2
	6	0.43893E-04	0.80728E-02	0.80729E-02	0.3
	7	0.17897E-02	-0.48103E-02	0.51325E-02	159.5
	8	-0.16366E-01	-0.21695E-02	0.16509E-01	262.4
	9	-0.90168E-02	-0.39456E-02	0.98424E-02	246.3
	10	0.25989E-02	-0.81367E-02	0.85417E-02	162.2

MAX= 0.20312E-01 MIN=-0.10156E 00 PEAK TO PEAK/2= 0.60938E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

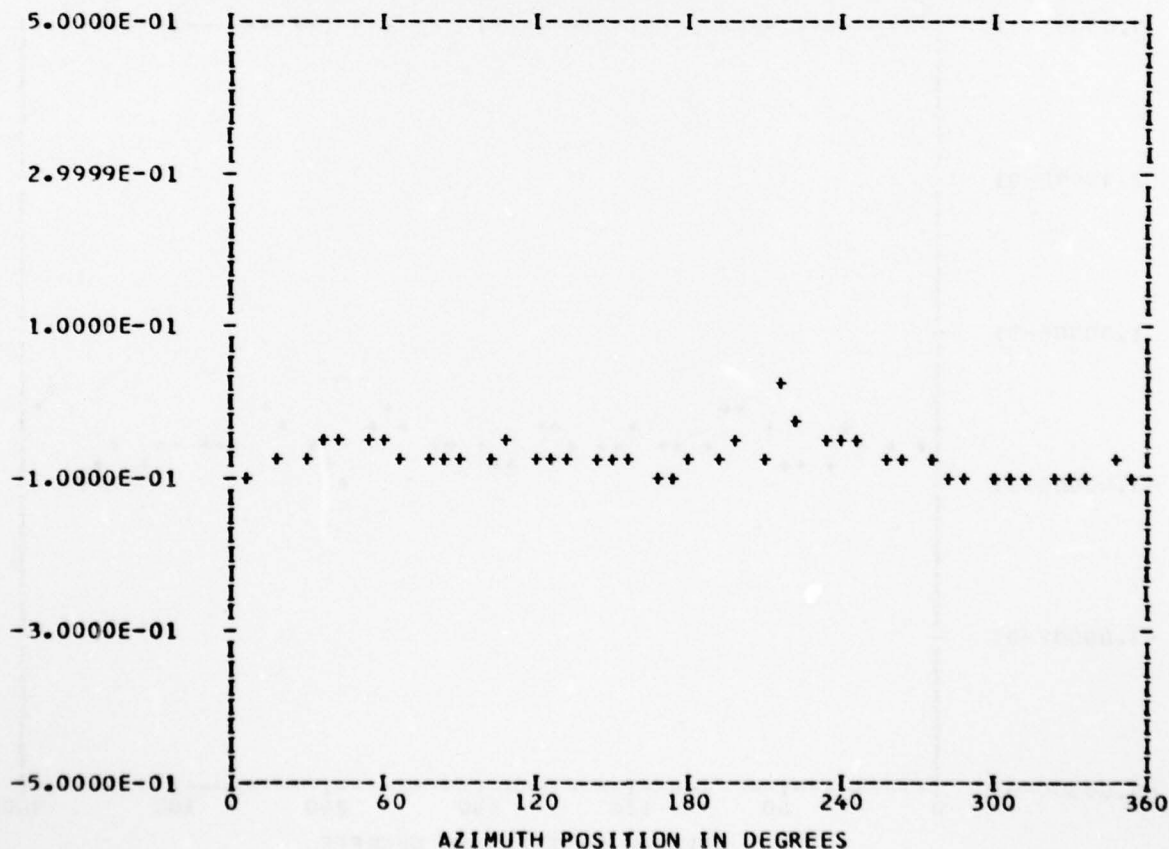
*** PS056.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 19
 TP 9
 CHAN 45

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.73611E-01	1	-0.12187E-01	0.18553E-02	0.12327E-01	278.6
	2	-0.18726E-02	0.17840E-01	0.17938E-01	354.0
	3	0.86712E-02	-0.42972E-02	0.96776E-02	116.3
	4	-0.90034E-02	0.49132E-02	0.10256E-01	298.6
	5	0.21175E-03	-0.55489E-02	0.55529E-02	177.8
	6	-0.39487E-02	-0.33375E-02	0.51703E-02	229.7
	7	0.37103E-02	-0.20465E-03	0.37159E-02	93.1
	8	-0.14125E-02	-0.24660E-02	0.28419E-02	209.8
	9	-0.16741E-02	0.35139E-03	0.17106E-02	281.8
	10	0.33462E-02	-0.70684E-03	0.34201E-02	101.9

MAX= 0.13905E-01 MIN=-0.10385E 00 PEAK TO PEAK/2= 0.58879E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

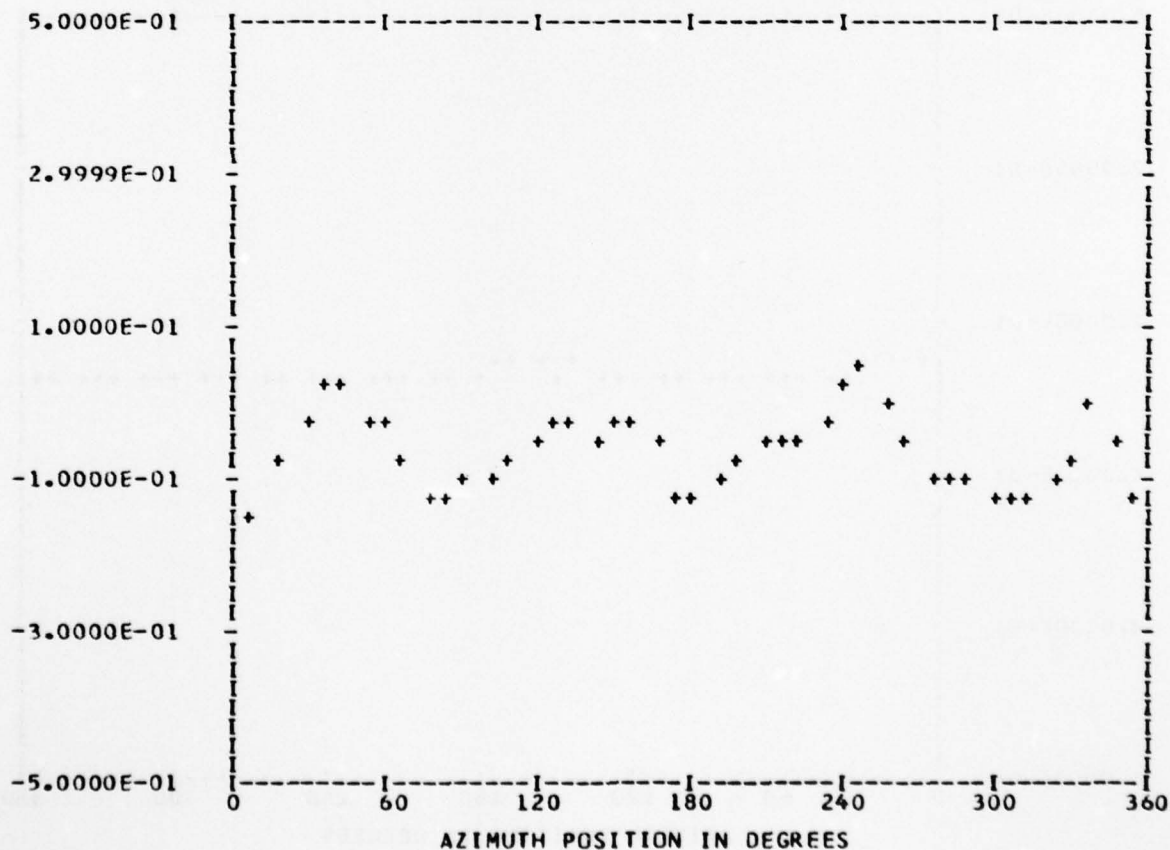
*** PS056.3 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTRED 44
 OUT OF RANGE 0
 Bandedge 0

RUN 19
 TP 9
 CHAN 48

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.66420E-01	1	-0.10221E-01	0.29876E-02	0.10649E-01	286.2
	2	-0.15683E-02	0.21898E-01	0.21954E-01	355.9
	3	0.26682E-01	0.15942E-01	0.31082E-01	59.1
	4	-0.41941E-01	-0.83875E-02	0.42771E-01	258.6
	5	-0.23209E-01	-0.53579E-02	0.23819E-01	257.0
	6	-0.15000E-01	-0.40474E-02	0.15537E-01	254.9
	7	-0.57648E-02	-0.10617E-01	0.12081E-01	208.4
	8	-0.20641E-01	0.75957E-02	0.21995E-01	290.2
	9	0.49660E-02	0.42409E-02	0.65304E-02	49.5
	10	-0.49353E-02	0.97441E-03	0.50306E-02	281.1

MAX= 0.46075E-01 MIN=-0.14680E 00 PEAK TO PEAK/2= 0.96438E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

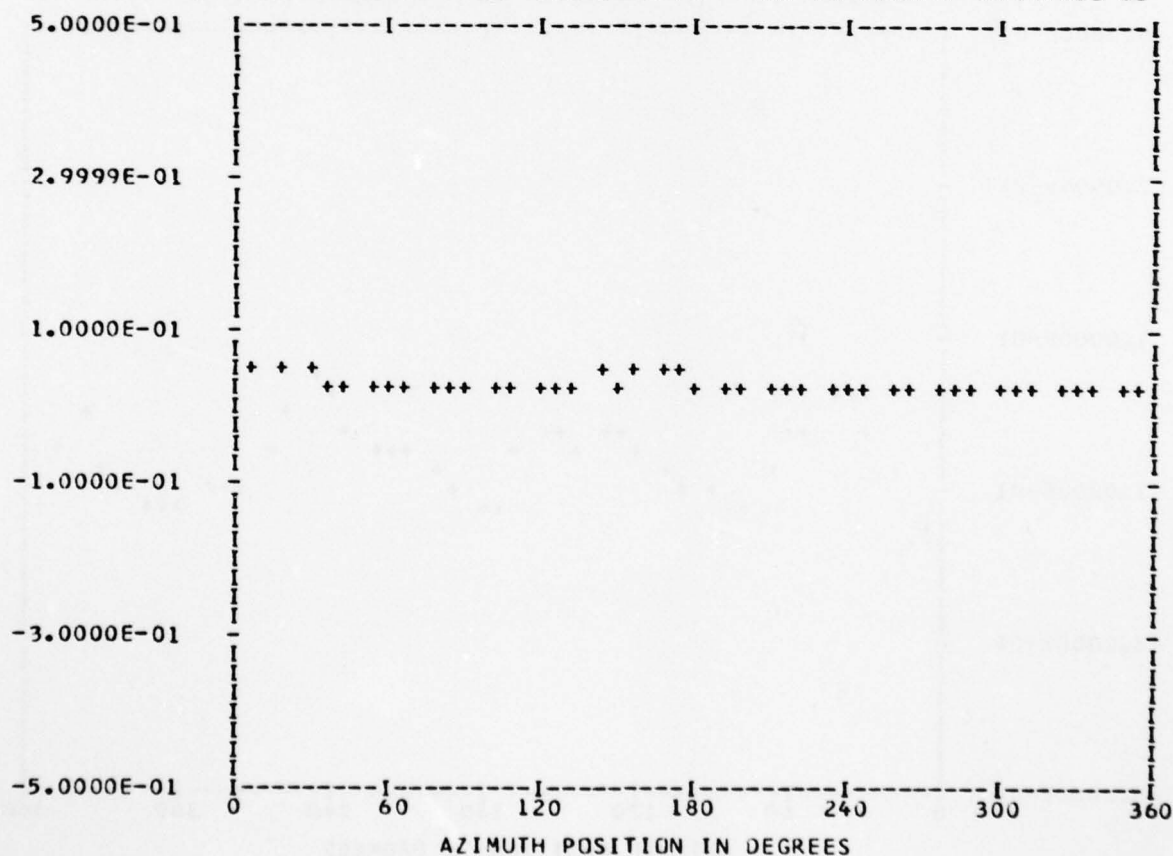
*** PS057.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 19
 TP 9
 CHAN 55

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.30556E-01	1	-0.21593E-02	0.27405E-02	0.34890E-02	321.7
	2	0.37813E-02	0.10228E-02	0.39173E-02	74.8
	3	0.19681E-02	0.37903E-02	0.42708E-02	27.4
	4	-0.12880E-02	-0.48224E-03	0.13753E-02	249.4
	5	0.18108E-02	0.20746E-02	0.27537E-02	41.1
	6	-0.11817E-03	0.94872E-03	0.95605E-03	352.8
	7	0.25576E-03	0.26134E-02	0.26259E-02	5.5
	8	0.10389E-02	-0.18328E-03	0.10550E-02	100.0
	9	0.12082E-02	0.68464E-03	0.13887E-02	60.4
	10	-0.13682E-03	0.33698E-03	0.36370E-03	337.9

MAX= 0.43342E-01 MIN= 0.19397E-01 PEAK TO PEAK/2= 0.11972E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

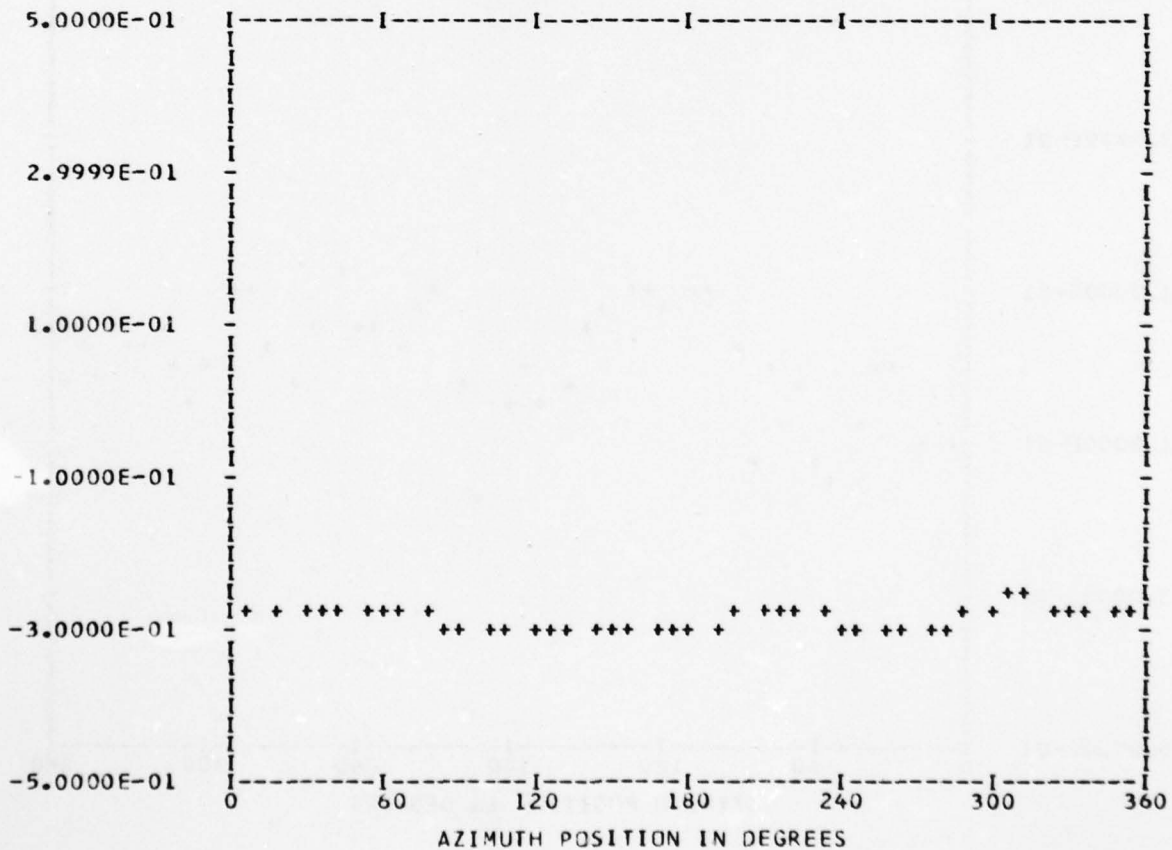
*** PS057.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 19
 TP 9
 CHAN 52

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.28543E 00	1	0.12859E-01	-0.54508E-02	0.13967E-01	112.9
	2	0.69653E-02	0.19298E-02	0.72277E-02	74.5
	3	-0.75271E-02	-0.62655E-02	0.97936E-02	230.2
	4	-0.47641E-02	0.63233E-02	0.79171E-02	323.0
	5	0.31751E-03	0.24659E-02	0.24863E-02	7.3
	6	0.57701E-03	-0.47737E-03	0.74889E-03	129.6
	7	0.11371E-02	-0.17890E-02	0.21198E-02	147.5
	8	-0.37236E-02	0.23683E-02	0.44130E-02	302.4
	9	-0.12275E-02	-0.82549E-03	0.14792E-02	236.0
	10	-0.35978E-03	0.29939E-03	0.46805E-03	309.7

MAX=-0.25828E 00 MIN=-0.30989E 00 PEAK TO PEAK/2= 0.25803E-01



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A060 568

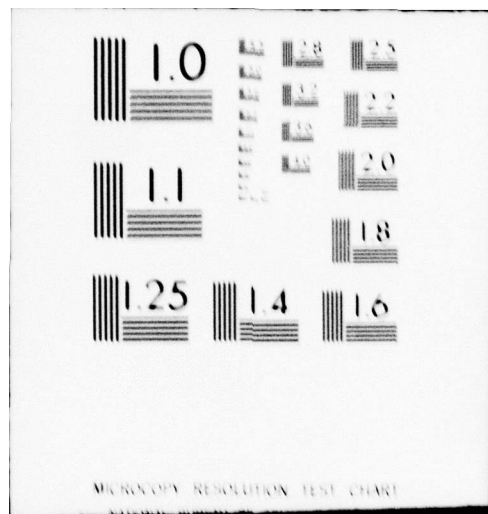
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UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

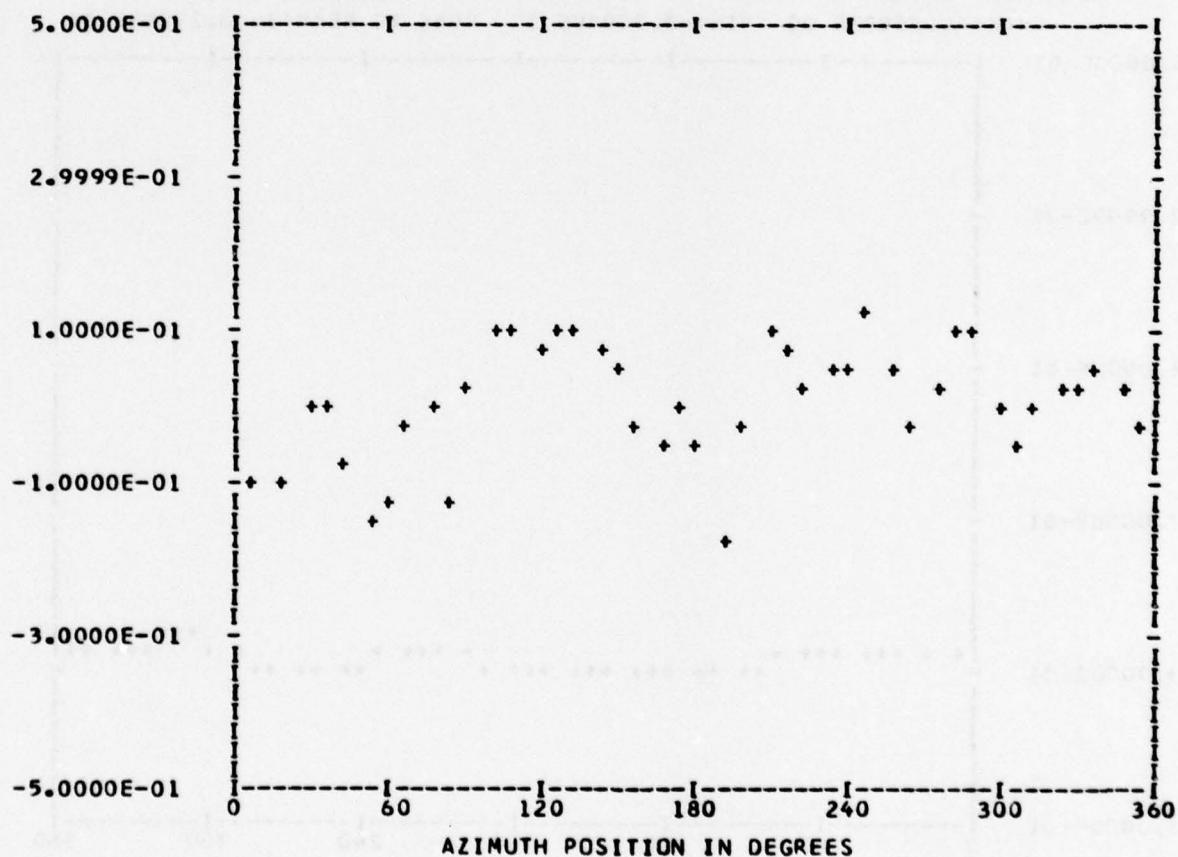
*** PS071.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 RANDEGE 0

RUN 19
 TP 9
 CHAN 46

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.57609E-02	1	-0.28670E-01	-0.22506E-01	0.36448E-01	231.8
	2	-0.36792E-01	-0.27720E-01	0.46066E-01	233.0
	3	0.45238E-01	-0.12714E-01	0.46991E-01	105.6
	4	-0.16772E-01	0.10638E-01	0.19861E-01	302.3
	5	-0.12484E-02	-0.72445E-02	0.73513E-02	189.7
	6	-0.23898E-01	-0.12414E-01	0.26930E-01	242.5
	7	-0.12504E-01	0.44615E-03	0.12512E-01	272.0
	8	-0.22121E-01	0.26370E-02	0.22278E-01	276.7
	9	0.34213E-02	0.44903E-02	0.56452E-02	37.3
	10	0.54243E-02	-0.42763E-01	0.43106E-01	172.7

MAX= 0.11415E 00 MIN=-0.17345E 00 PEAK TO PEAK/2= 0.14380E 00



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

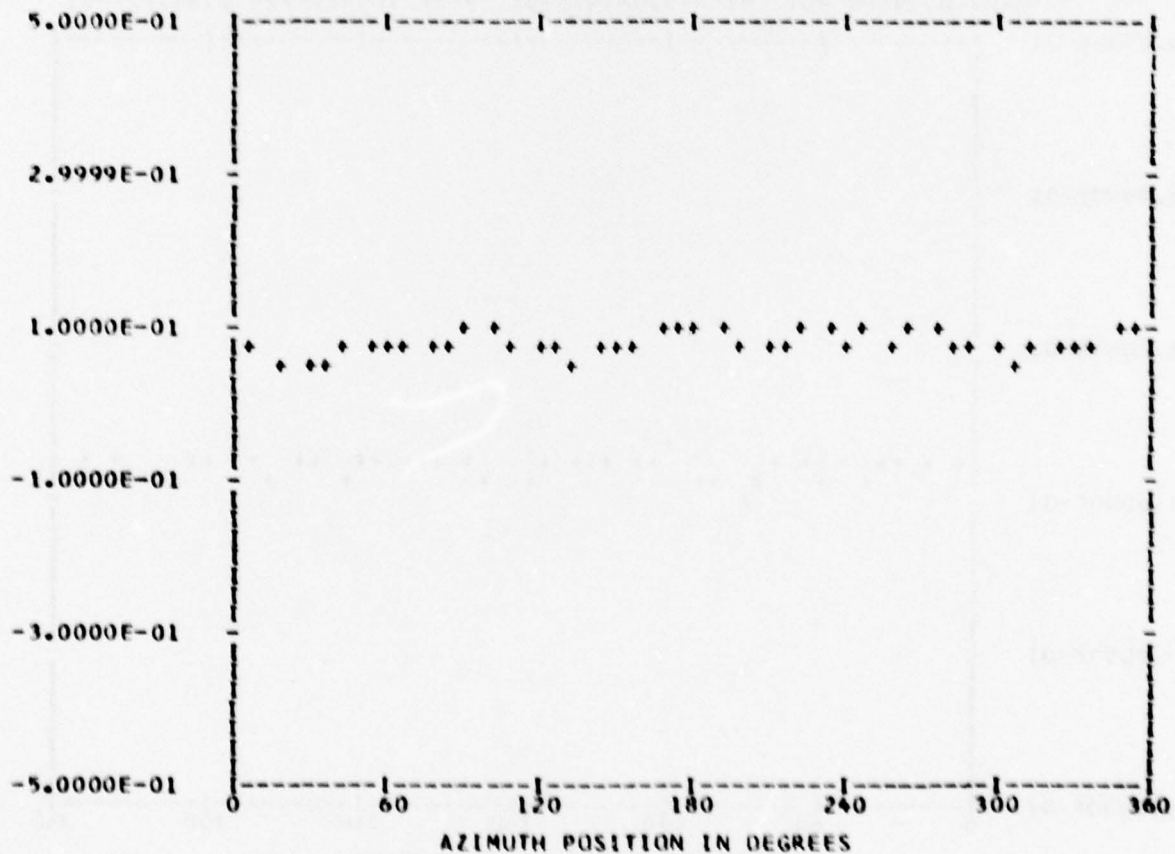
*** PS072.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 19
 TP 9
 CHAN 56

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.78447E-01	1	-0.75473E-02	-0.29869E-02	0.81169E-02	248.4
	2	0.26144E-02	0.75458E-03	0.27211E-02	73.9
	3	-0.67765E-03	-0.45697E-02	0.46197E-02	188.4
	4	0.75011E-02	-0.13168E-01	0.15154E-01	150.3
	5	-0.10727E-02	-0.59221E-03	0.12253E-02	241.0
	6	-0.26880E-03	-0.43917E-02	0.43999E-02	183.5
	7	0.13286E-02	-0.55690E-03	0.14406E-02	112.7
	8	0.41959E-02	-0.17504E-02	0.45464E-02	112.6
	9	-0.32249E-03	0.11302E-02	0.11753E-02	344.0
	10	-0.64617E-04	0.10016E-02	0.10037E-02	356.3

MAX= 0.10485E 00 MIN= 0.38754E-01 PEAK TO PEAK/2= 0.33049E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

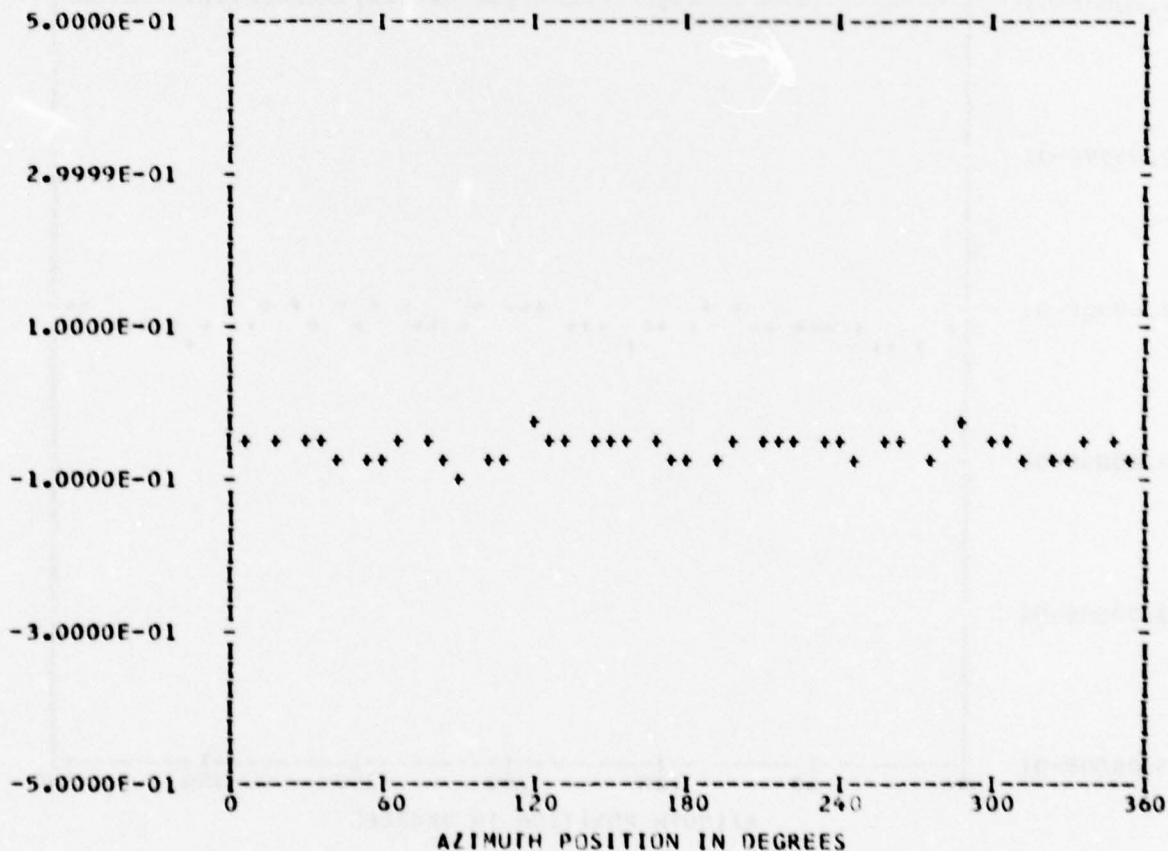
*** PS072.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 19
 TP 9
 CHAN 53

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.58910E-01	1	-0.42256E-02	-0.45997E-02	0.62460E-02	222.5
	2	0.75728E-03	-0.13063E-02	0.15099E-02	149.8
	3	0.61430E-02	0.54090E-02	0.81850E-02	48.6
	4	-0.27955E-02	0.70083E-02	0.75453E-02	338.2
	5	0.57199E-02	-0.33356E-02	0.66215E-02	120.2
	6	-0.19572E-02	-0.20609E-02	0.28422E-02	223.5
	7	-0.17487E-02	0.45409E-02	0.48660E-02	338.9
	8	-0.98840E-02	0.38783E-02	0.10617E-01	291.4
	9	-0.12378E-02	-0.19715E-02	0.23278E-02	212.1
	10	0.66355E-03	-0.35020E-02	0.35643E-02	169.2

MAX=-0.28698E-01 MIN=-0.98142E-01 PEAK TO PEAK/2= 0.34722E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

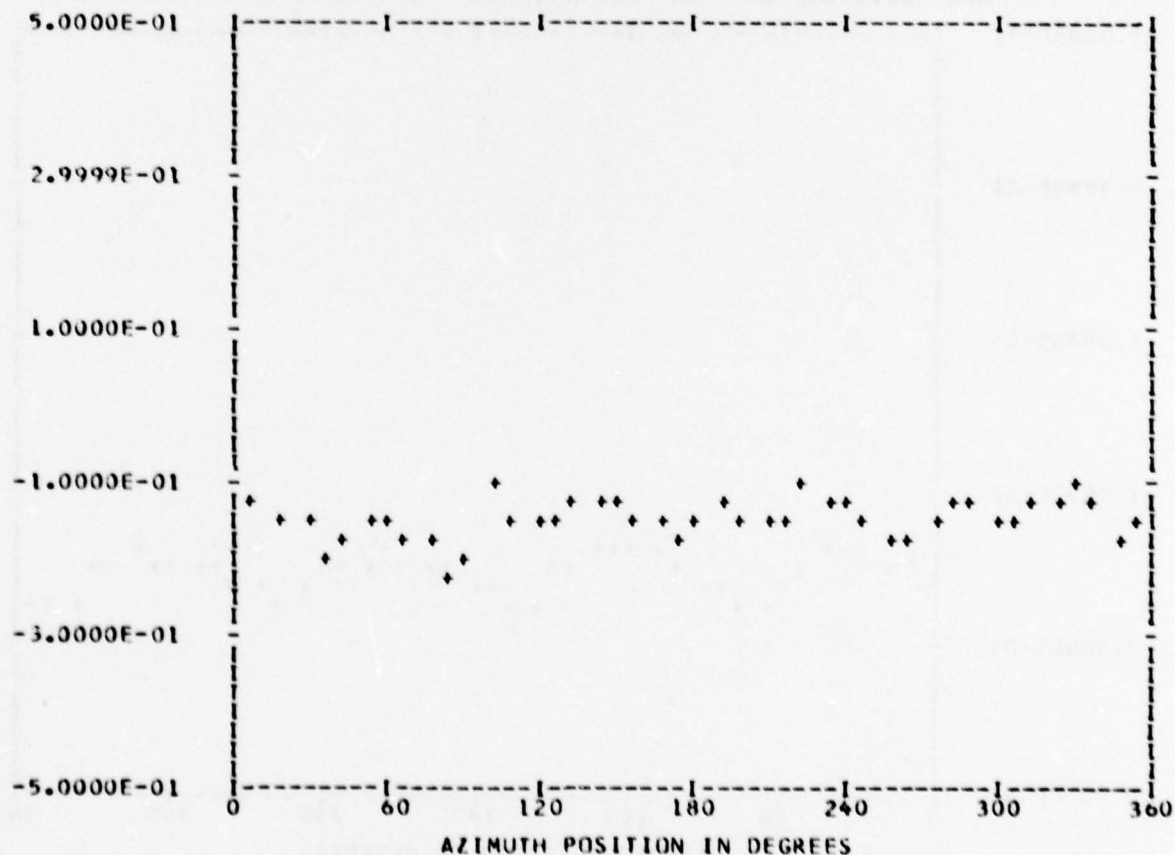
*** PS045.1 WAVEFORM ***
 *** CYCLE 3 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEGE 0

RUN 20
 TP 2
 CHAN 58

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.14714E 00	1	-0.87417E-02	-0.97764E-02	0.13114E-01	221.8
	2	0.23775E-03	-0.89873E-02	0.89905E-02	178.4
	3	0.52786E-02	-0.43681E-02	0.68516E-02	129.6
	4	-0.11863E-01	0.11069E-01	0.16225E-01	313.0
	5	-0.71578E-03	-0.10921E-02	0.13057E-02	213.2
	6	-0.27208E-02	-0.20240E-02	0.33911E-02	233.3
	7	0.38982E-02	0.24430E-02	0.46005E-02	57.9
	8	0.17543E-01	0.11605E-01	0.21034E-01	56.5
	9	-0.39668E-02	0.45440E-02	0.60318E-02	318.8
	10	-0.13678E-02	-0.15634E-02	0.20773E-02	221.1

MAX=-0.95511E-01 MIN=-0.21655E 00 PEAK TO PEAK/2= 0.60523E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

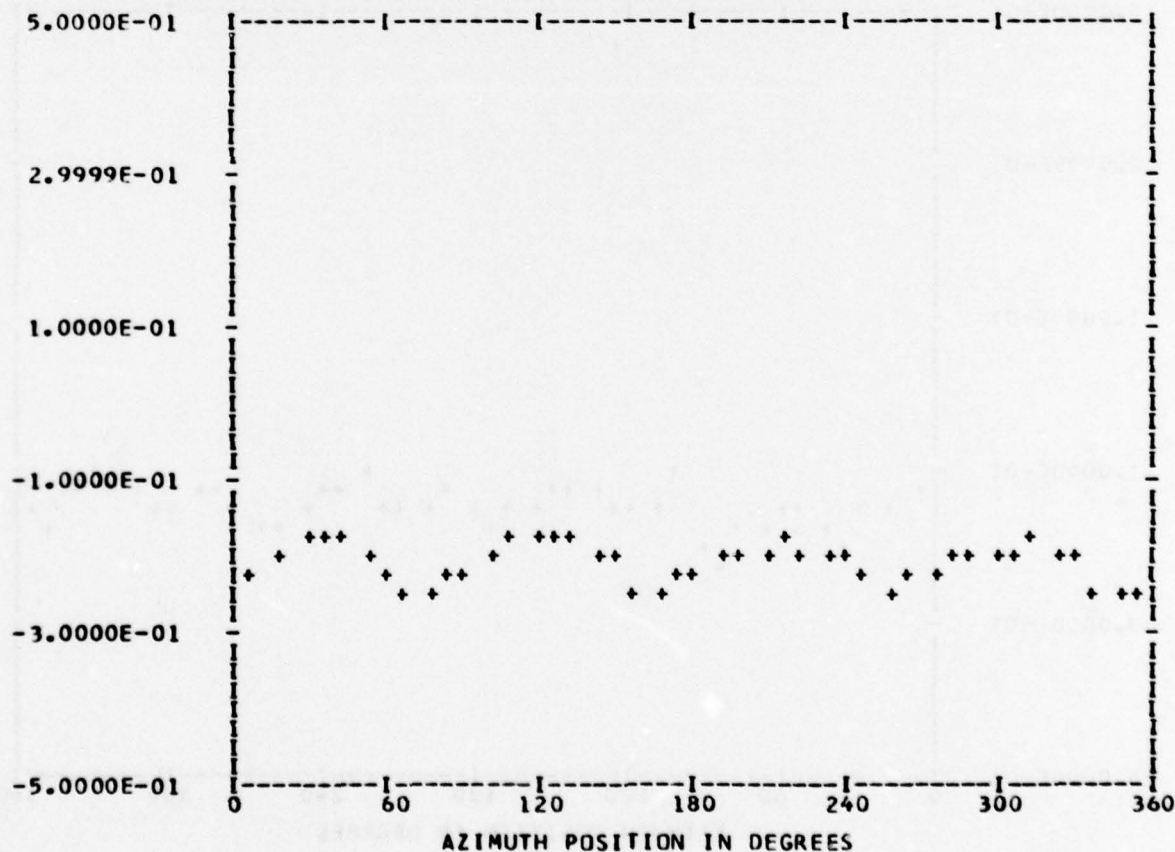
*** PS045.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 20
 TP 2
 CHAN 49

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.20906E 00	1	-0.25671E-02	0.35452E-02	0.43770E-02	324.0
	2	-0.17447E-02	0.21599E-03	0.17580E-02	277.0
	3	0.33258E-02	0.13862E-02	0.36031E-02	67.3
	4	-0.14236E-01	0.30778E-01	0.33911E-01	335.1
	5	-0.45889E-02	-0.43875E-03	0.46099E-02	264.5
	6	-0.15197E-02	0.14314E-02	0.20878E-02	313.2
	7	-0.12318E-02	-0.62625E-03	0.13818E-02	243.0
	8	0.67288E-02	-0.86539E-03	0.67843E-02	97.3
	9	0.16846E-02	-0.22011E-02	0.27718E-02	142.5
	10	0.85431E-03	0.31911E-03	0.91196E-03	69.5

MAX=-0.16359E 00 MIN=-0.25680E 00 PEAK TO PEAK/2= 0.46607E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

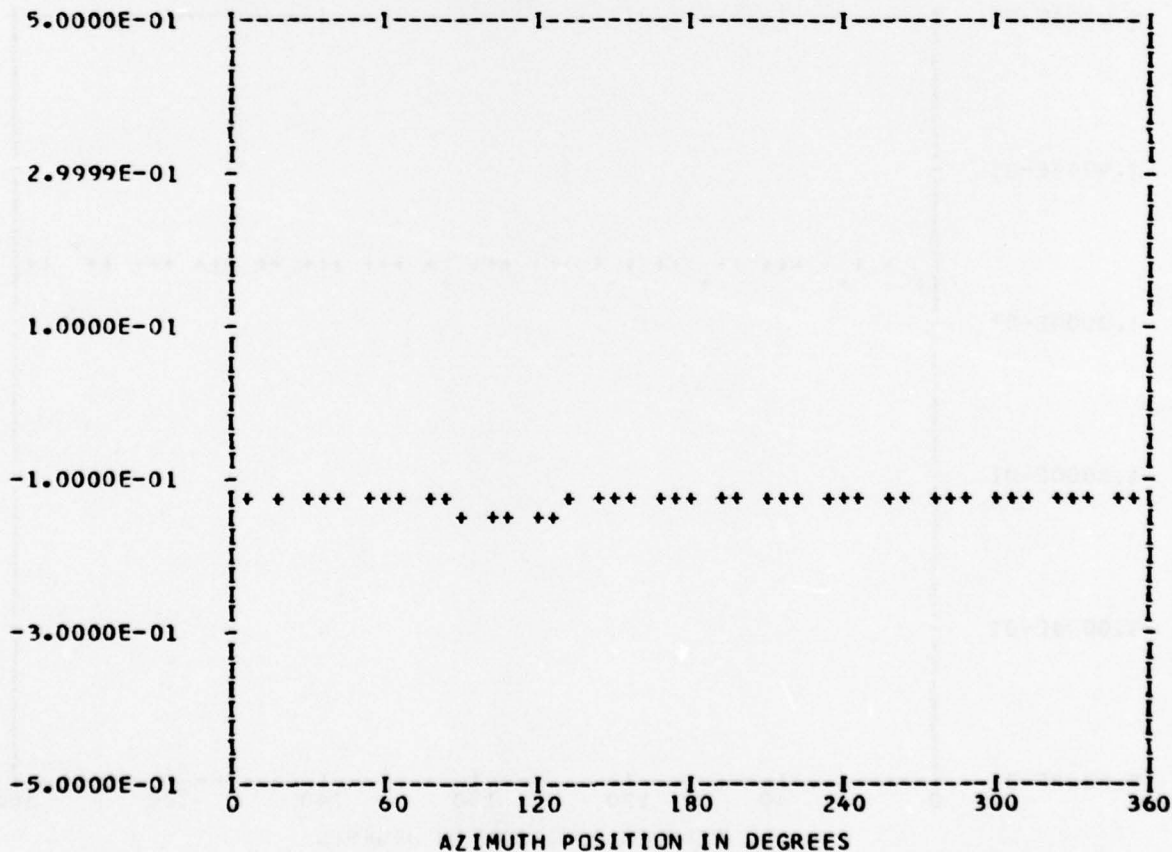
*** PS047.1 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***
ENTERED 44
OUT OF RANGE 0
BANDEDGE 0

RUN 20
TP 2
CHAN 54

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.13043E 00	1	0.19052E-02	-0.24706E-02	0.31199E-02	142.3
	2	0.26701E-02	0.11442E-02	0.29050E-02	66.8
	3	-0.15344E-02	0.14757E-02	0.21289E-02	313.8
	4	-0.92981E-03	-0.20354E-02	0.22377E-02	204.5
	5	-0.20939E-03	0.10461E-03	0.23407E-03	296.5
	6	0.53543E-03	0.22648E-03	0.58136E-03	67.0
	7	0.16807E-03	0.12726E-02	0.12837E-02	7.5
	8	-0.53652E-03	-0.97039E-03	0.11088E-02	208.9
	9	-0.43025E-03	0.10673E-03	0.44329E-03	283.9
	10	-0.64103E-03	0.39092E-03	0.75082E-03	301.3

MAX=-0.12427E 00 MIN=-0.14357E 00 PEAK TO PEAK/2= 0.96474E-02



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

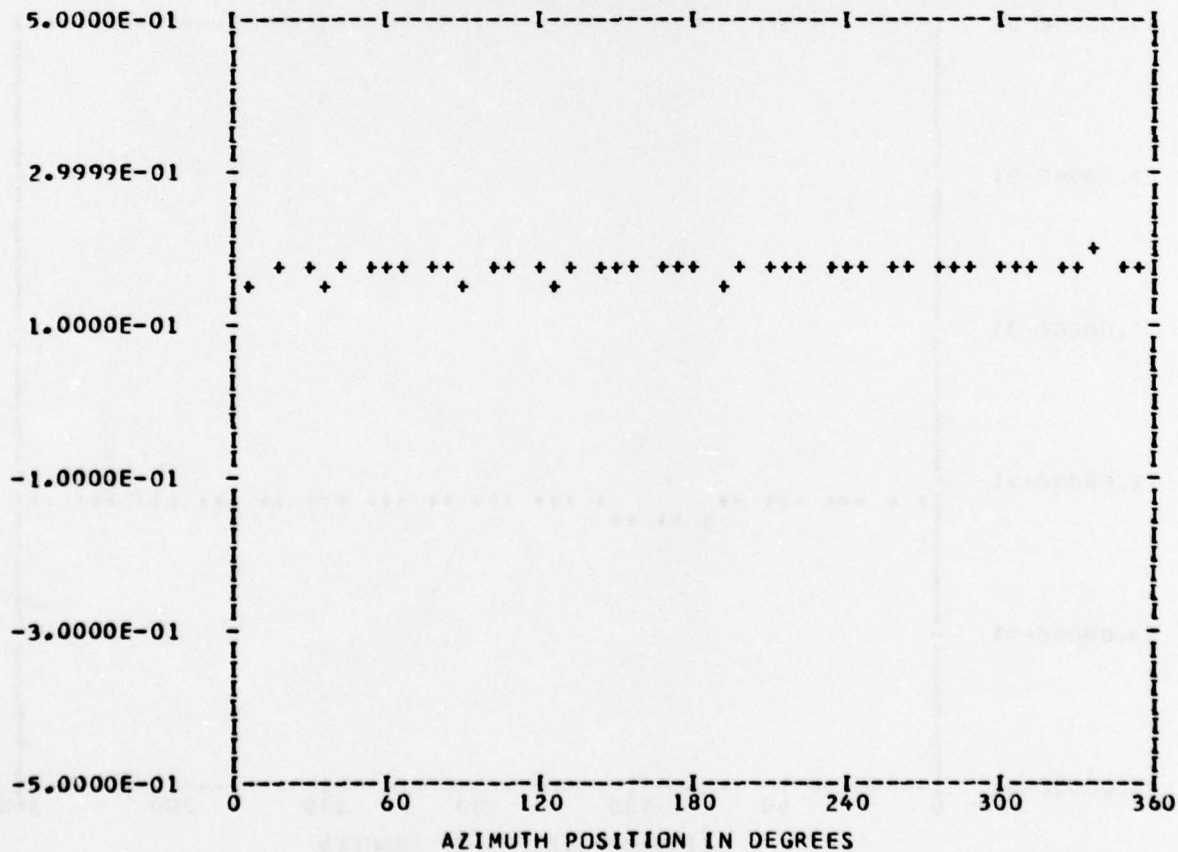
*** PS047.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEGE 0

RUN 20
 TP 2
 CHAN 51

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.17121E 00	1	0.12049E-02	-0.68939E-02	0.69984E-02	170.0
	2	-0.19062E-02	-0.17795E-02	0.26078E-02	226.9
	3	-0.13604E-02	-0.18721E-03	0.13733E-02	262.1
	4	-0.49116E-02	-0.19301E-02	0.52772E-02	248.5
	5	-0.39063E-03	0.15279E-02	0.15771E-02	345.6
	6	-0.14329E-02	-0.76410E-03	0.16239E-02	241.9
	7	-0.60664E-03	0.80540E-03	0.10083E-02	323.0
	8	-0.10752E-02	0.24777E-02	0.27009E-02	336.5
	9	-0.51575E-04	0.85767E-03	0.85922E-03	356.5
	10	-0.46225E-03	0.27755E-04	0.46308E-03	273.4

MAX= 0.18810E 00 MIN= 0.15799E 00 PEAK TO PEAK/2= 0.15056E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

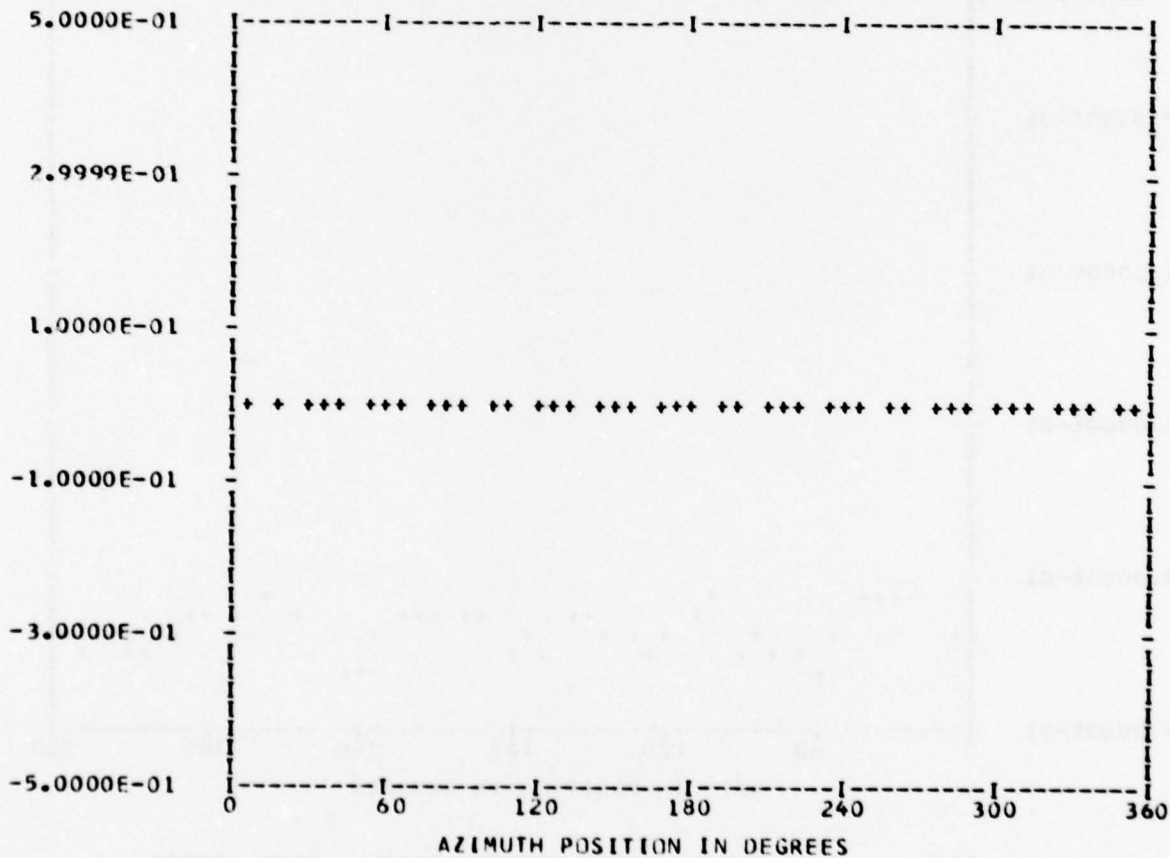
*** PS048.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 20
 TP 2
 CHAN 59

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.16783E-02	1	0.23230E-04	-0.39619E-05	0.23565E-04	99.6
	2	0.56995E-04	-0.27222E-04	0.63162E-04	115.5
	3	-0.12168E-03	0.91464E-04	0.15222E-03	306.9
	4	0.43513E-04	0.22765E-04	0.49109E-04	62.3
	5	0.29750E-04	0.37596E-04	0.47943E-04	38.3
	6	-0.33044E-04	0.25830E-04	0.41941E-04	308.0
	7	-0.41142E-04	0.30938E-04	0.51476E-04	306.9
	8	0.26925E-04	-0.14778E-04	0.30715E-04	118.7
	9	0.10425E-04	0.35254E-04	0.36763E-04	16.4
	10	-0.17977E-04	0.93567E-05	0.20266E-04	297.4

MAX=-0.10784E-02 MIN=-0.21568E-02 PEAK TO PEAK/2= 0.53920E-03



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

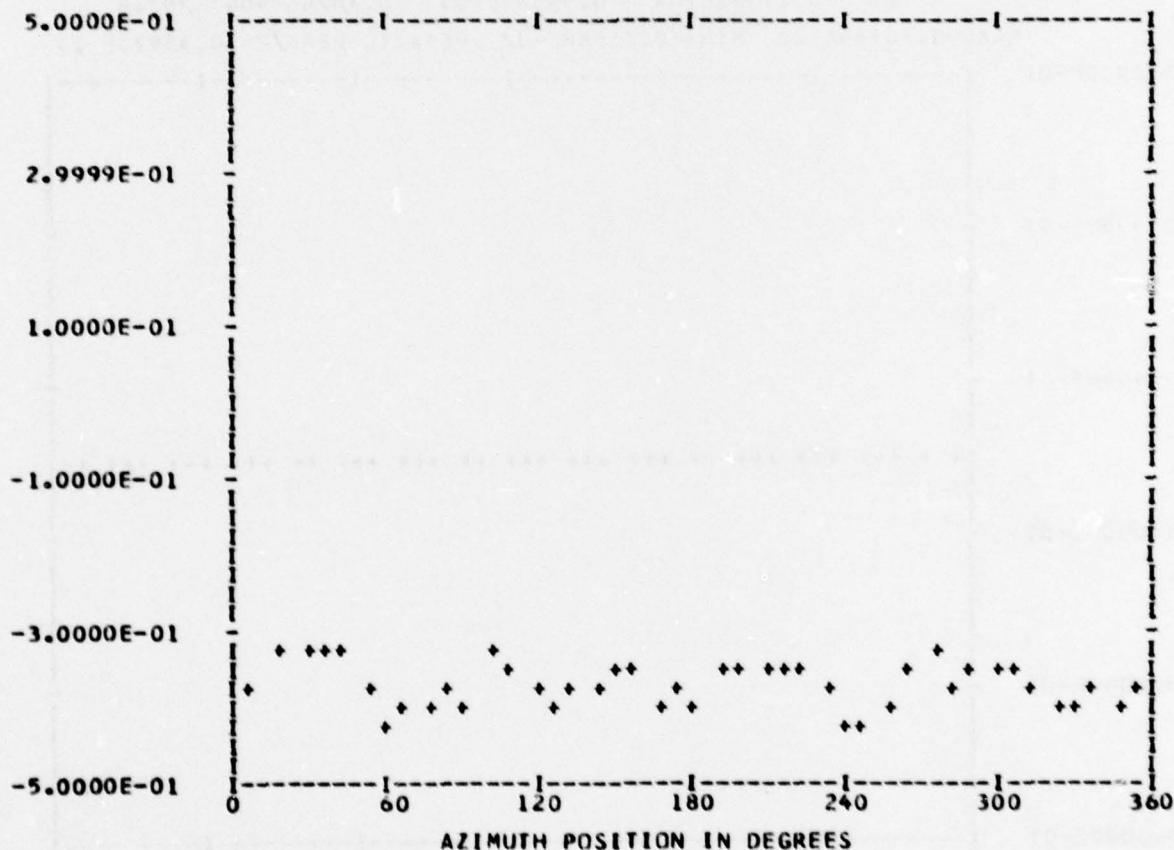
*** PSO48.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEGE 2

RUN 20
 TP 2
 CHAN 61

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.37082E 00	1	0.20634E-02	0.12496E-02	0.24124E-02	58.8
	2	0.57589E-02	0.16096E-02	0.59797E-02	74.3
	3	0.30248E-02	0.97671E-02	0.10224E-01	17.2
	4	0.12272E-01	0.16952E-01	0.20928E-01	35.9
	5	0.13268E-03	-0.16778E-02	0.16830E-02	175.4
	6	-0.11779E-01	0.60454E-02	0.13240E-01	297.1
	7	0.80385E-03	-0.65303E-02	0.65796E-02	172.9
	8	0.22928E-02	0.15554E-02	0.27706E-02	55.8
	9	-0.78238E-02	0.41882E-02	0.88743E-02	298.1
	10	0.43596E-02	0.18504E-02	0.47361E-02	67.0

MAX=-0.32112E 00 MIN=-0.41320E 00 PEAK TO PEAK/2= 0.46043E-01



BBBB A N N DDDD EEEEE DDDD GGGG EEEEE
 B A A N N D D E D D G G E
 BBBB A A N N D D E D D G G E
 B A A A A N N D D E D D G G E
 BBBB A A N N DDDD EEEEE DDDD GGGG EEEEE

UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

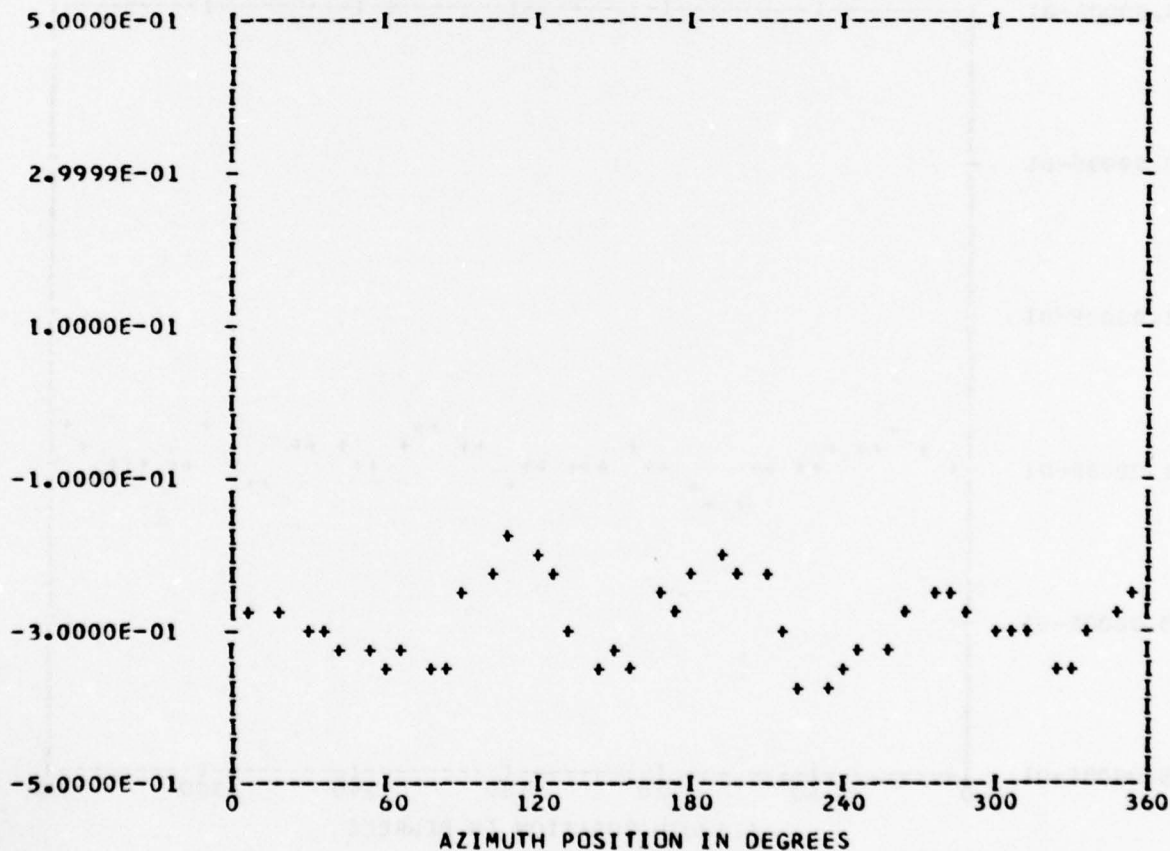
*** PS048.3 WAVEFORM ***
*** CYCLE 0 ***

*** DATA ANALYSIS ***
ENTERED 44
OUT OF RANGE 0
BANDEDGE 0

RUN 20
TP 2
CHAN 47

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.28896E 00	1	-0.96091E-02	0.98873E-02	0.13787E-01	315.8
	2	0.97355E-02	-0.15128E-01	0.17990E-01	147.2
	3	0.78491E-02	-0.57853E-02	0.97508E-02	126.3
	4	0.48560E-01	0.32734E-01	0.58563E-01	56.0
	5	-0.16684E-01	-0.16300E-01	0.23325E-01	225.6
	6	0.93330E-02	-0.84932E-02	0.12619E-01	132.3
	7	0.86611E-02	-0.31610E-02	0.92199E-02	110.0
	8	-0.31772E-02	0.88453E-03	0.32980E-02	285.5
	9	0.44725E-02	-0.50162E-02	0.67205E-02	138.2
	10	-0.52792E-02	-0.52416E-02	0.74393E-02	225.2

MAX=-0.17751E 00 MIN=-0.38445E 00 PEAK TO PEAK/2= 0.10347E 00



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

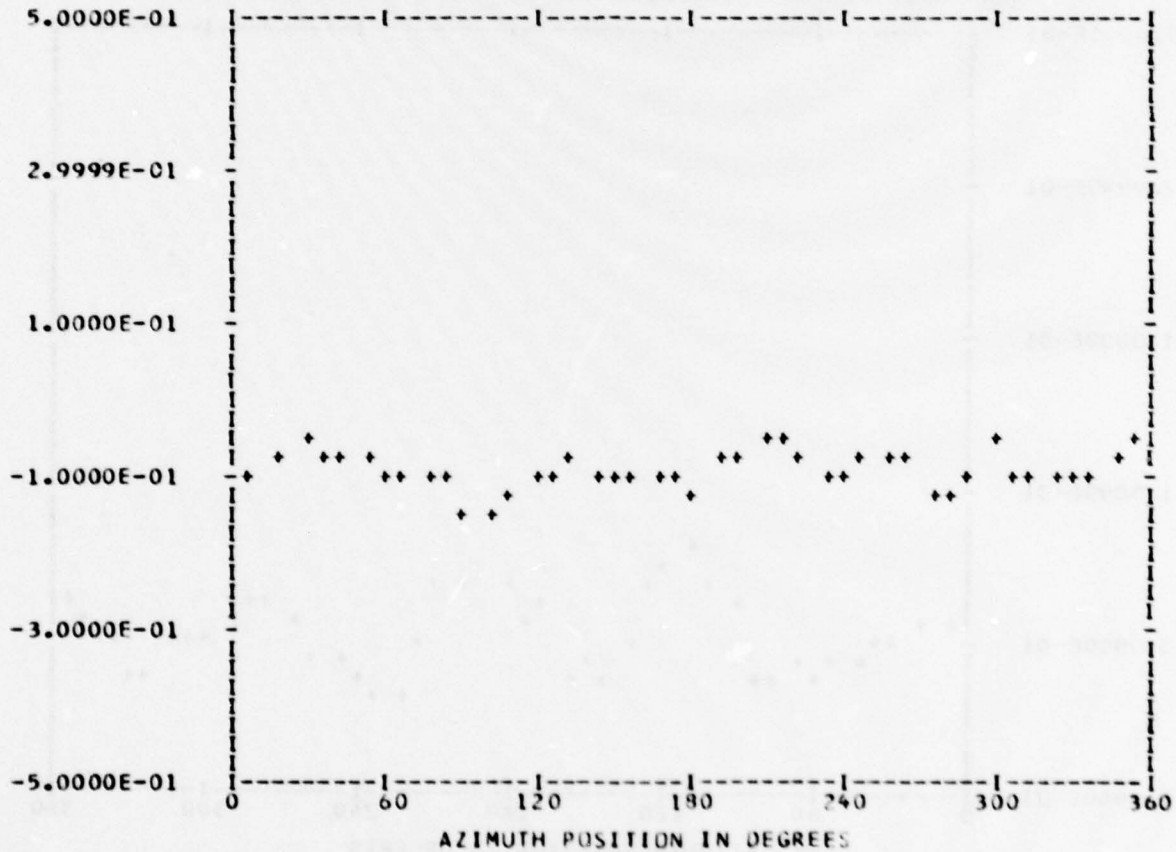
*** PS052.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 20
 TP 2
 CHAN 57

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.92351E-01	1	0.42900E-02	-0.69789E-02	0.81920E-02	148.4
	2	0.14416E-01	0.71458E-02	0.16090E-01	63.6
	3	0.43036E-02	0.37627E-02	0.57165E-02	48.8
	4	-0.70409E-02	0.63247E-02	0.94645E-02	311.9
	5	0.10428E-03	-0.90520E-02	0.90526E-02	179.3
	6	0.39049E-02	-0.97027E-03	0.40236E-02	103.9
	7	-0.18866E-02	-0.42925E-02	0.46888E-02	203.7
	8	-0.17719E-01	-0.26284E-02	0.17912E-01	261.5
	9	0.17297E-02	-0.10991E-02	0.20494E-02	122.4
	10	0.27462E-02	-0.83842E-03	0.28713E-02	106.9

MAX=-0.54405E-01 MIN=-0.15464E 00 PEAK TO PEAK/2= 0.50119E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

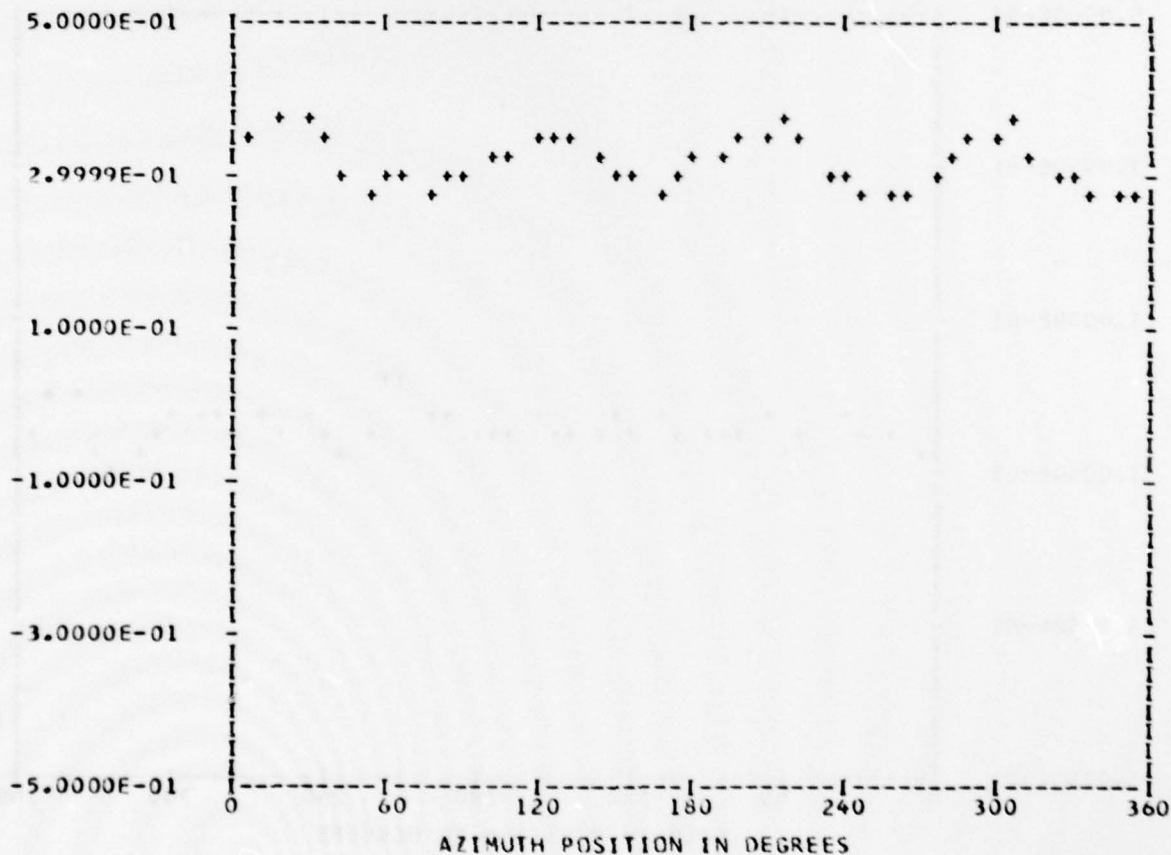
*** PS052.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANGEDGE 0

RUN 20
 TP 2
 CHAN 50

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.31533E 00	1	-0.34488E-02	-0.12337E-02	0.36629E-02	250.3
	2	0.52411E-02	-0.14860E-02	0.54477E-02	105.8
	3	-0.97312E-03	0.64928E-03	0.11698E-02	303.7
	4	-0.85440E-03	0.37663E-01	0.37672E-01	358.7
	5	0.59920E-02	0.47118E-02	0.76227E-02	51.8
	6	0.26624E-02	0.52623E-02	0.58975E-02	26.8
	7	-0.10305E-02	0.41584E-02	0.42842E-02	346.0
	8	-0.37943E-02	0.27515E-03	0.38042E-02	274.1
	9	-0.30502E-02	0.19836E-02	0.36385E-02	303.0
	10	-0.13516E-03	-0.75358E-03	0.76560E-03	190.1

MAX= 0.36647E 00 MIN= 0.27028E 00 PEAK TO PEAK#2= 0.48097E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

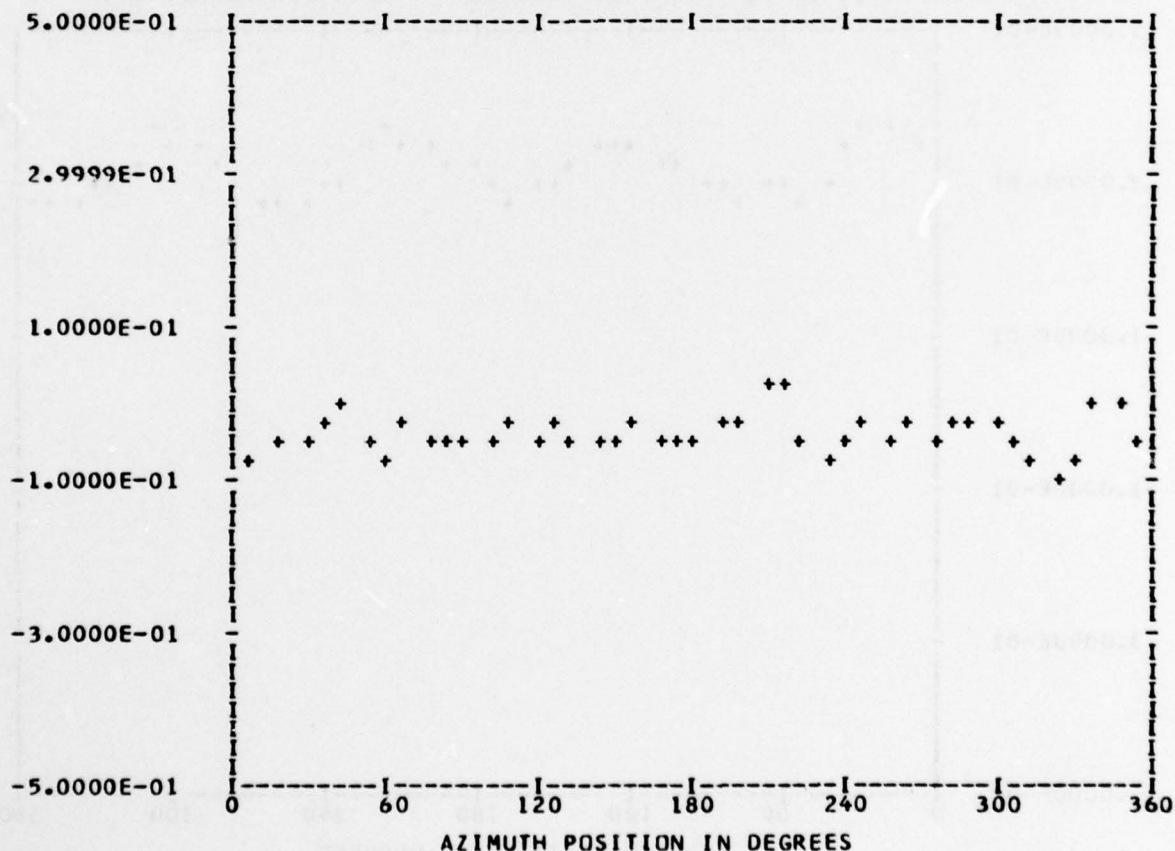
*** PS056.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BandedGE 0

RUN 20
 TP 2
 CHAN 60

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.38927E-01	1	-0.76045E-02	-0.68489E-03	0.76352E-02	264.8
	2	0.23603E-02	0.58290E-02	0.62888E-02	22.0
	3	-0.50331E-03	-0.28298E-02	0.28742E-02	190.0
	4	0.48984E-02	0.40287E-02	0.63423E-02	50.5
	5	-0.64198E-02	-0.13924E-01	0.15333E-01	204.7
	6	-0.10091E-01	-0.14677E-02	0.10197E-01	261.7
	7	-0.48746E-02	-0.72510E-02	0.87372E-02	213.9
	8	-0.12906E-01	0.72321E-02	0.14794E-01	299.2
	9	0.17946E-02	0.81721E-03	0.19719E-02	65.5
	10	0.24254E-02	-0.17938E-02	0.30166E-02	126.4

MAX= 0.20943E-01 MIN=-0.98221E-01 PEAK TO PEAK/2= 0.59582E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

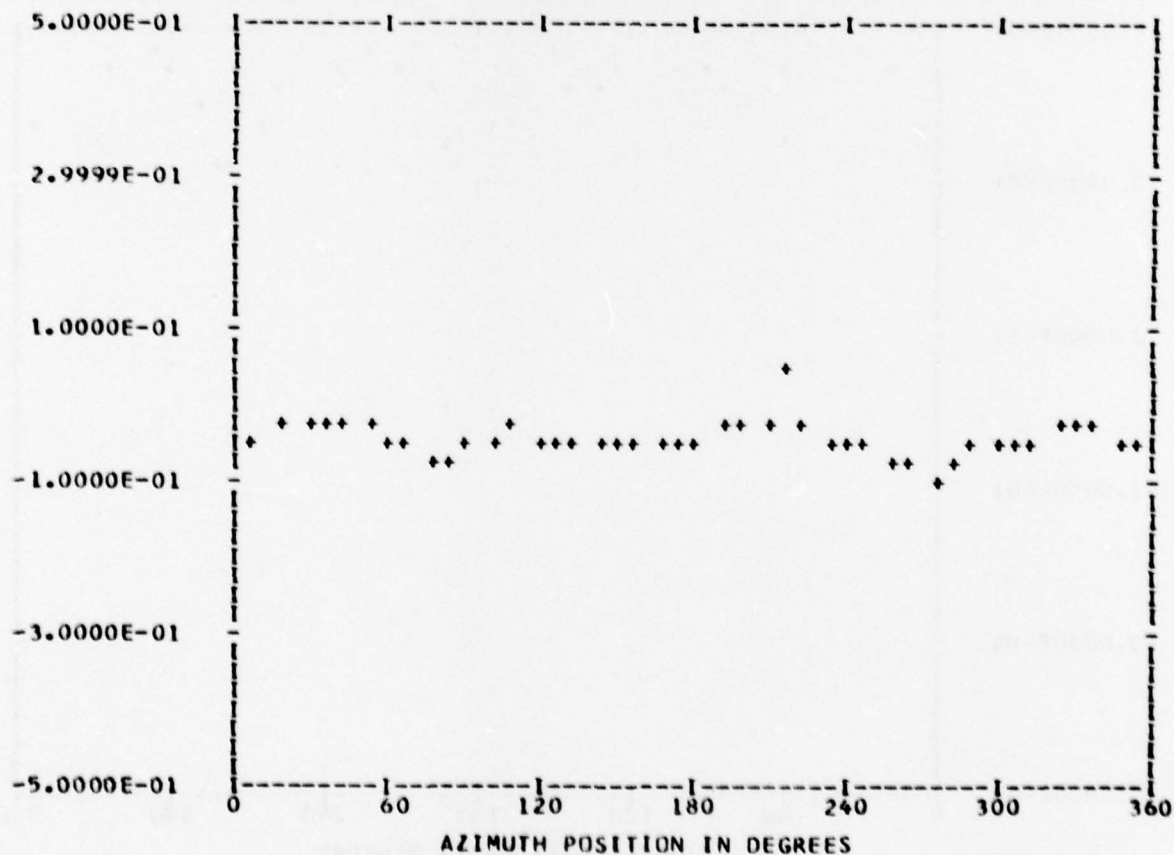
*** PS056.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEGE 0

RUN 20
 TP 2
 CHAN 45

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.44461E-01	1	-0.16966E-02	0.41080E-02	0.44446E-02	337.5
	2	-0.14225E-01	0.64627E-02	0.15624E-01	65.5
	3	-0.11354E-02	-0.84686E-02	0.85444E-02	187.6
	4	-0.14598E-01	0.11996E-01	0.18895E-01	309.4
	5	-0.18565E-02	-0.16402E-02	0.24772E-02	228.5
	6	-0.63745E-02	-0.93843E-03	0.64432E-02	261.6
	7	-0.26837E-02	-0.26685E-04	0.26838E-02	90.5
	8	-0.39561E-02	0.12196E-02	0.41398E-02	287.1
	9	0.50176E-03	0.44520E-02	0.44802E-02	6.4
	10	0.27707E-02	-0.24974E-02	0.37301E-02	132.0

MAX= 0.42719E-01 MIN=-0.91201E-01 PEAK TO PEAK/2= 0.66960E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

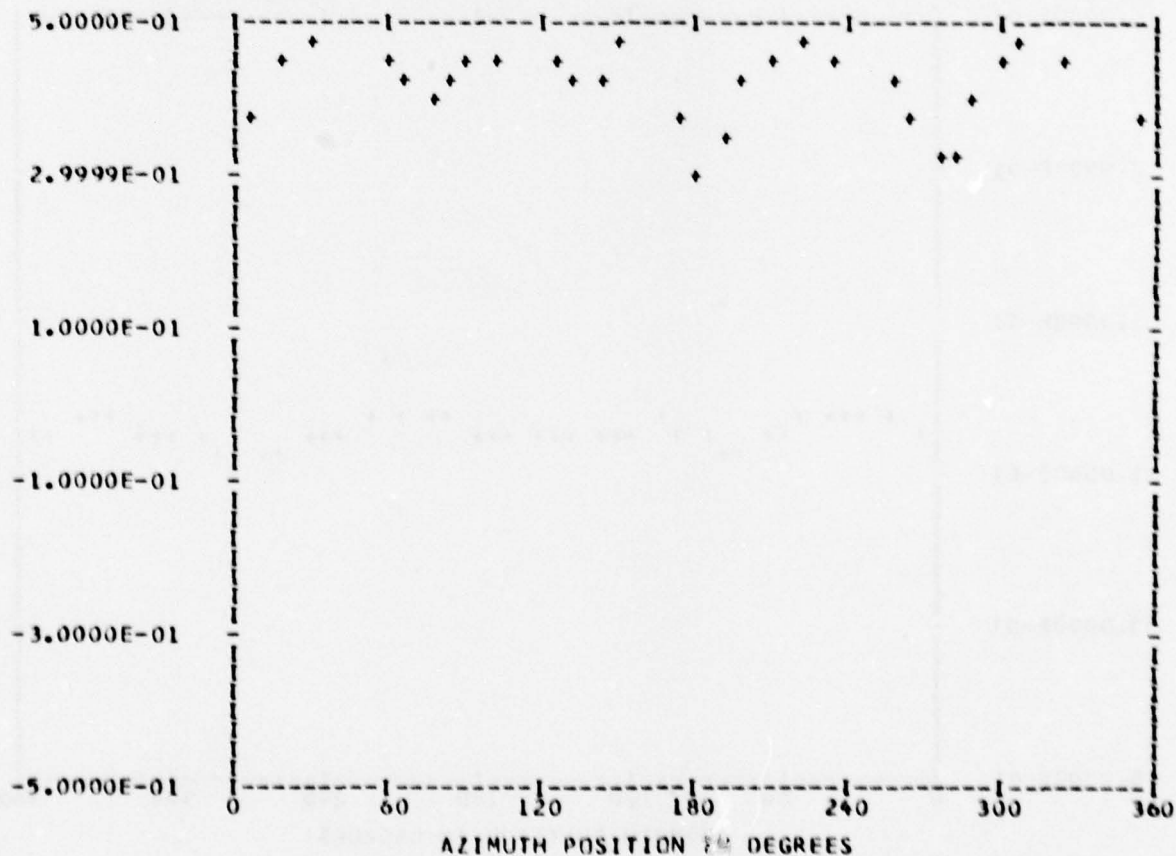
*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 7
 BANGEDGE 0

*** PS056.3 WAVEFORM ***
 *** CYCLE 0 ***

RUN 20
 TP 2
 CHAN 48

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.44640E 00	1	0.13250E-01	0.95297E-02	0.16321E-01	54.2
	2	0.38960E-02	-0.40600E-02	0.56269E-02	136.1
	3	0.82420E-02	-0.13256E-01	0.15609E-01	148.1
	4	-0.52197E-01	0.45471E-02	0.52394E-01	274.9
	5	-0.12133E-01	0.28701E-01	0.31160E-01	337.0
	6	-0.21601E-01	-0.30073E-02	0.21809E-01	262.0
	7	0.13189E-01	-0.10520E-01	0.16871E-01	128.5
	8	-0.28797E-01	0.53235E-02	0.29285E-01	280.4
	9	0.12410E-01	-0.58331E-04	0.12410E-01	90.2
	10	-0.12985E-02	0.19195E-02	0.23174E-02	325.9

MAX= 0.53269E 00 MIN= 0.29708E 00 PEAK TO PEAK/2= 0.11780E 00



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

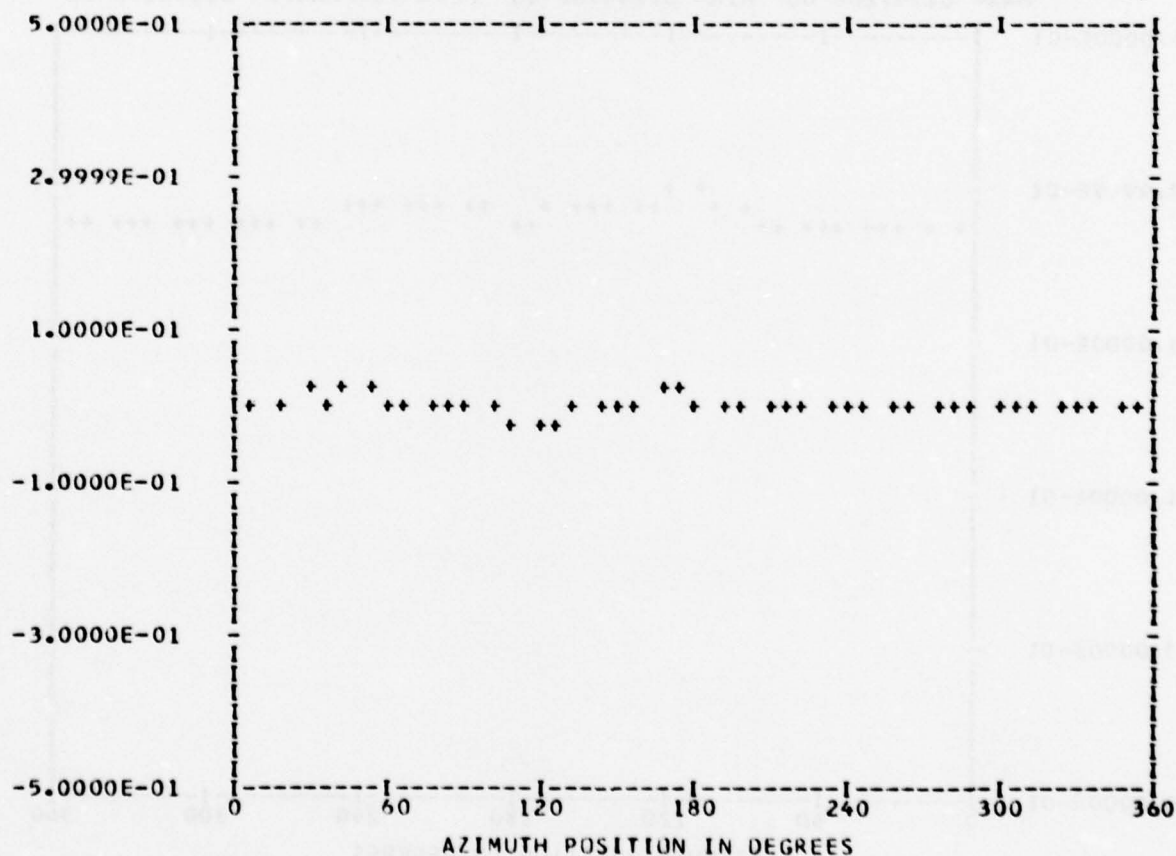
*** PS057.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANDEDGE 0

RUN 20
 TP 2
 CHAN 55

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.24489E-02	1	0.25247E-02	-0.10390E-02	0.27302E-02	112.3
	2	0.68216E-02	0.24980E-02	0.72646E-02	69.8
	3	-0.29252E-02	0.35552E-02	0.46039E-02	320.5
	4	-0.36191E-02	-0.18009E-02	0.40424E-02	243.5
	5	0.66330E-03	0.41654E-02	0.42179E-02	9.0
	6	-0.71011E-03	-0.25399E-03	0.75416E-03	250.3
	7	-0.57626E-03	0.14558E-02	0.15657E-02	338.4
	8	0.81206E-03	0.35830E-03	0.88759E-03	66.1
	9	-0.63029E-04	0.29781E-03	0.30441E-03	348.0
	10	-0.30154E-03	0.12901E-02	0.13249E-02	346.8

MAX= 0.17210E-01 MIN=-0.14562E-01 PEAK TO PEAK/2= 0.15886E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

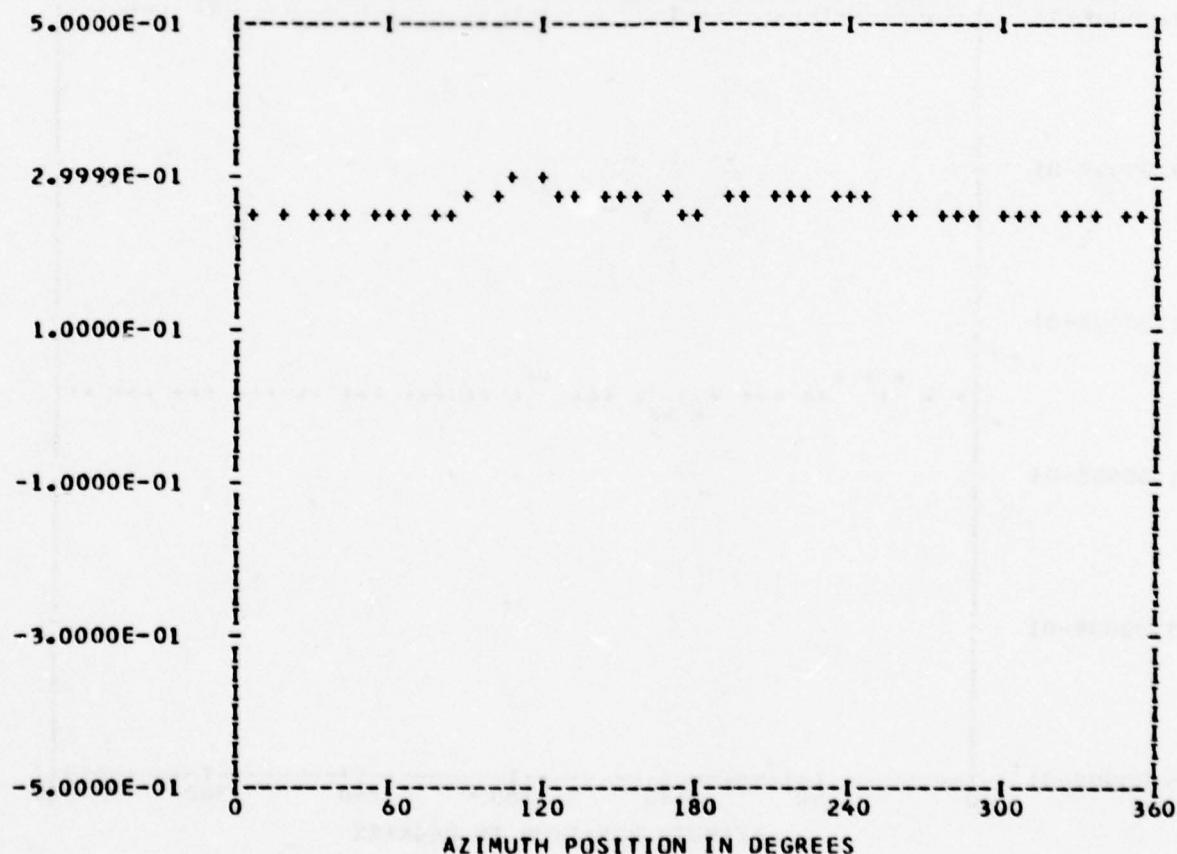
*** PS057.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANGEDGE 0

RUN 20
 TP 2
 CHAN 52

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.26262E 00	1	-0.91427E-02	0.70554E-02	0.11548E-01	307.6
	2	-0.25544E-02	-0.48429E-02	0.54753E-02	207.8
	3	0.58741E-02	-0.29641E-02	0.65796E-02	116.7
	4	-0.40725E-03	0.47238E-02	0.47413E-02	355.0
	5	-0.16890E-02	0.49065E-03	0.17588E-02	286.1
	6	0.10580E-02	-0.25791E-02	0.27877E-02	157.6
	7	0.26801E-02	-0.50192E-03	0.27267E-02	100.6
	8	-0.80279E-03	0.28340E-02	0.29455E-02	344.1
	9	-0.12743E-02	0.69419E-04	0.12762E-02	273.1
	10	-0.43868E-03	-0.28335E-03	0.52223E-03	237.1

MAX= 0.29720E 00 MIN= 0.24876E 00 PEAK TO PEAK/2= 0.24217E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

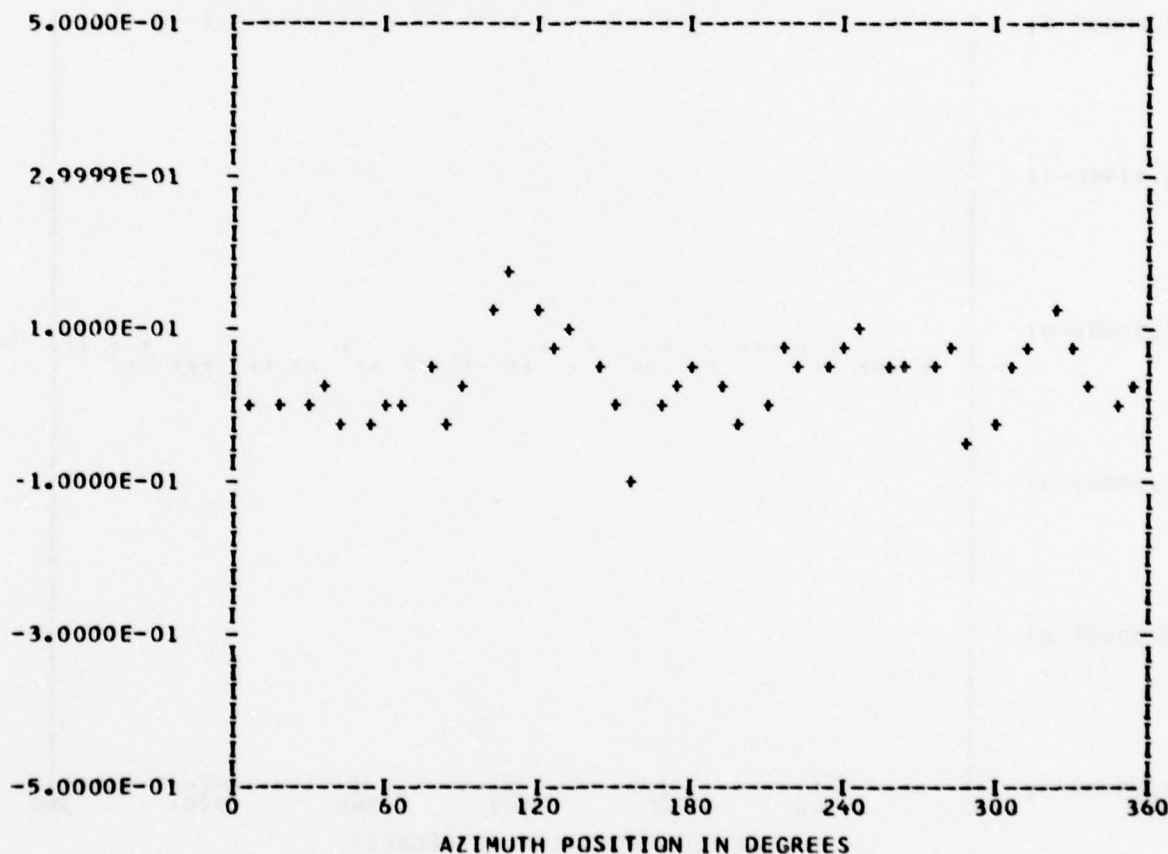
*** PS071.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BandedGE 0

RUN 20
 TP 2
 CHAN 46

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.32777E-01	1	-0.91650E-02	-0.28902E-02	0.96099E-02	252.4
	2	-0.24626E-01	-0.14856E-01	0.28760E-01	238.8
	3	0.28782E-01	-0.24232E-01	0.37625E-01	130.0
	4	-0.52292E-02	0.86044E-02	0.10068E-01	328.7
	5	-0.28986E-01	0.10390E-02	0.29005E-01	272.0
	6	0.10097E-01	0.69195E-02	0.12240E-01	55.5
	7	-0.72237E-03	0.17188E-01	0.17203E-01	357.5
	8	0.10403E-01	0.56116E-03	0.10418E-01	86.9
	9	-0.11587E-01	-0.77691E-02	0.13950E-01	236.1
	10	0.10810E-01	-0.26115E-01	0.28264E-01	157.5

MAX= 0.17695E 00 MIN=-0.10345E 00 PEAK TO PEAK/2= 0.14020E 00



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

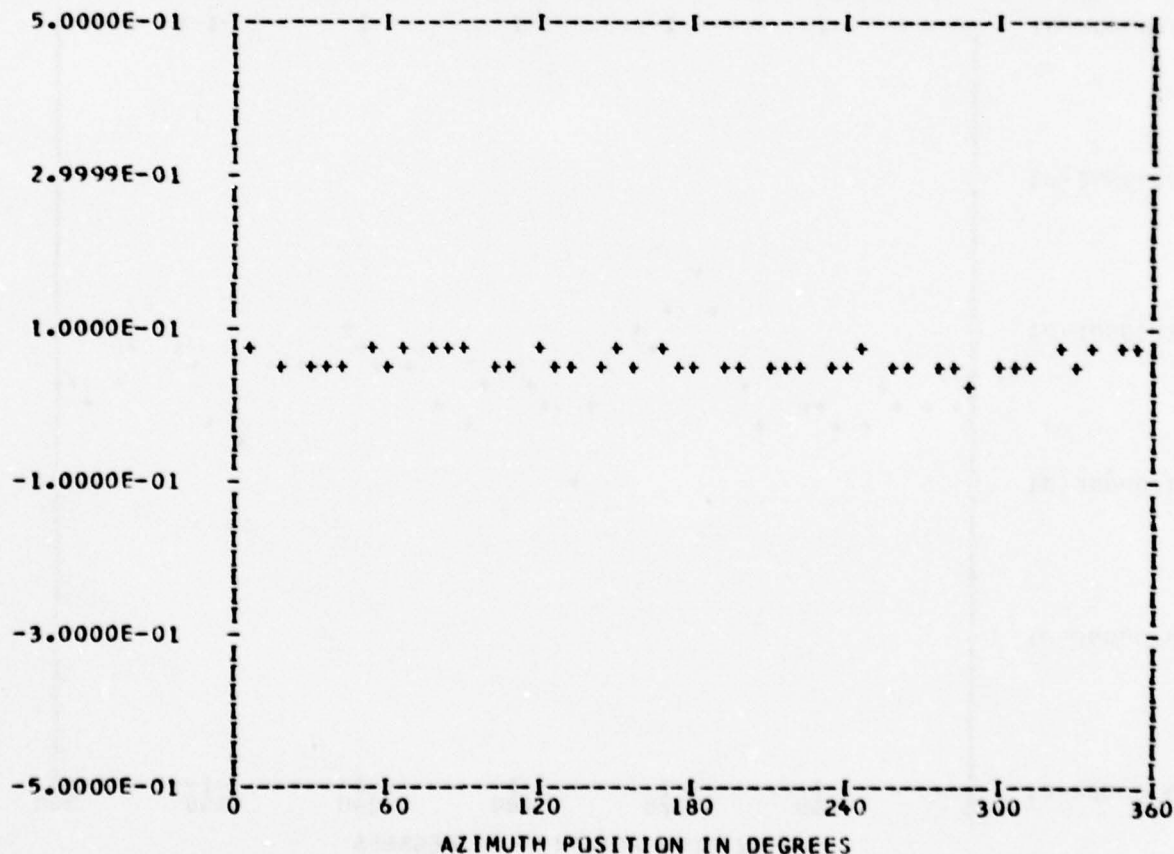
*** PS072.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BandedGE 0

RUN 20
 TP 2
 CHAN 56

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.57270E-01	1	0.53661E-02	0.45653E-02	0.70454E-02	49.6
	2	0.78033E-03	0.22587E-03	0.81236E-03	73.8
	3	-0.84381E-04	-0.44349E-02	0.44357E-02	181.0
	4	-0.10959E-02	-0.84389E-02	0.85098E-02	187.3
	5	-0.83898E-03	0.19022E-02	0.20790E-02	336.1
	6	-0.38069E-03	0.24569E-03	0.45309E-03	302.8
	7	0.17001E-02	-0.16596E-02	0.23759E-02	134.3
	8	0.37119E-03	0.10825E-02	0.11444E-02	18.9
	9	0.86139E-03	-0.12777E-02	0.15409E-02	146.0
	10	0.14467E-02	0.72334E-03	0.16174E-02	63.4

MAX= 0.77836E-01 MIN= 0.36393E-01 PEAK TO PEAK/2= 0.20721E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

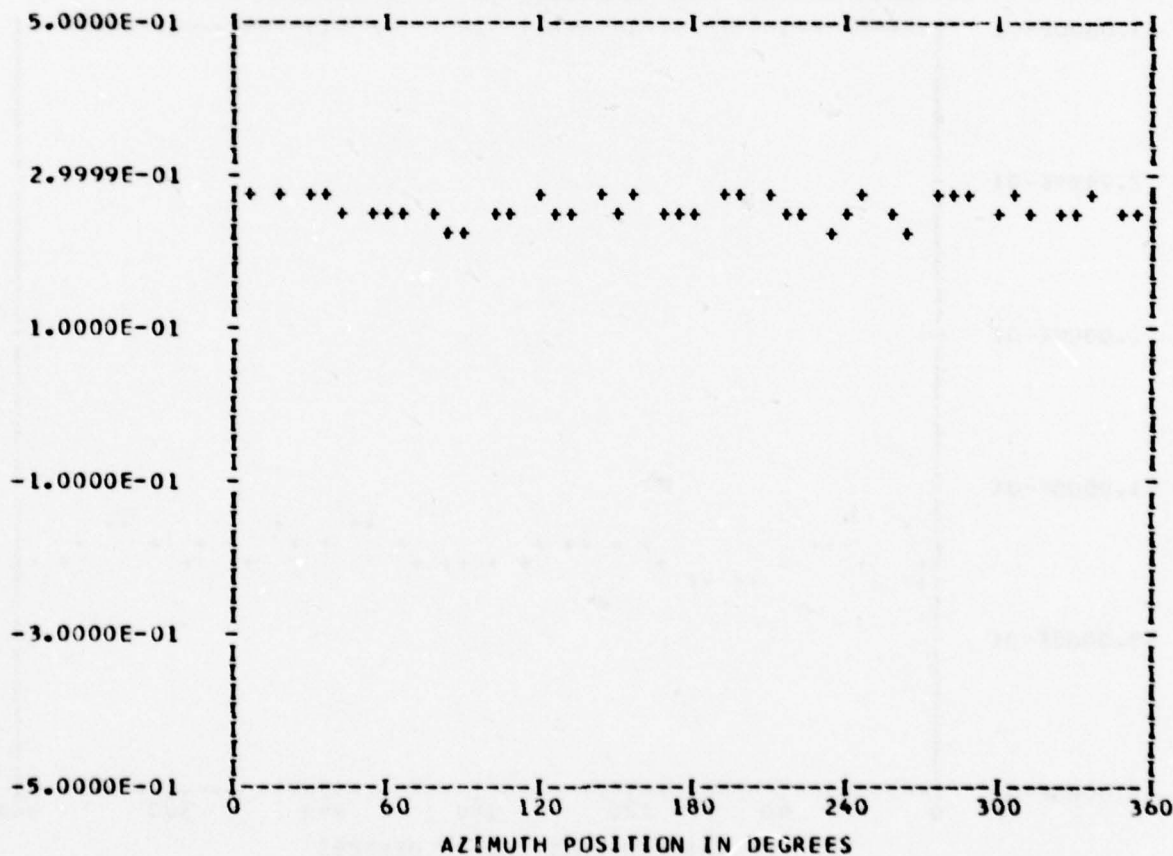
*** PS072.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 44
 OUT OF RANGE 0
 BANGEDGE 0

RUN 20
 TP 2
 CHAN 53

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.25781E 00	1	0.84954E-03	-0.28815E-02	0.30041E-02	163.5
	2	0.71886E-02	-0.87577E-03	0.72418E-02	96.9
	3	-0.16206E-02	0.39486E-02	0.42682E-02	137.6
	4	0.13919E-02	0.79786E-02	0.80991E-02	9.8
	5	-0.82832E-03	-0.55671E-02	0.56284E-02	188.4
	6	0.16766E-02	0.19014E-02	0.25350E-02	41.4
	7	-0.87829E-04	0.63155E-03	0.63762E-03	352.0
	8	-0.31421E-02	0.83612E-02	0.89321E-02	339.4
	9	0.82939E-03	0.56424E-03	0.10031E-02	55.7
	10	0.93017E-03	-0.65931E-03	0.11401E-02	125.3

MAX= 0.28128E 00 MIN= 0.22740E 00 PEAK TO PEAK/2= 0.26942E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

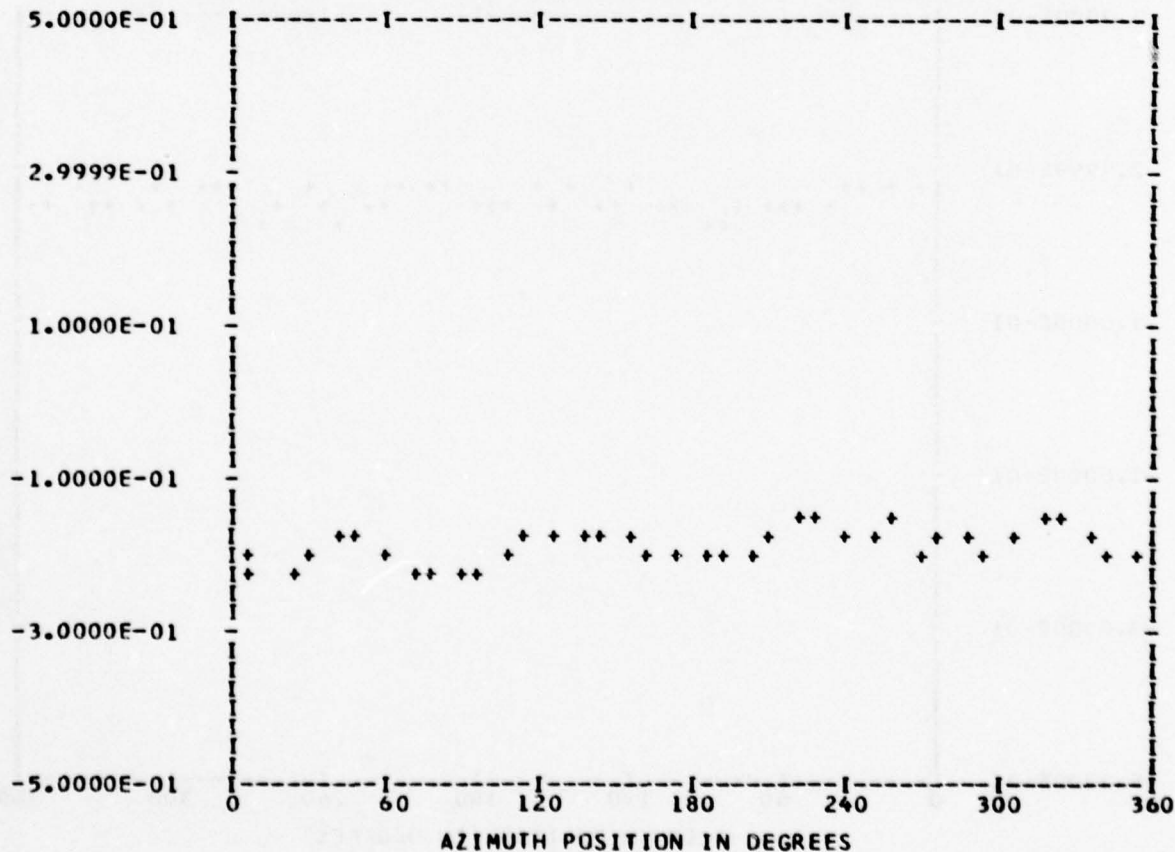
*** PS045.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BANDEDGE 0

RUN 21
 TP 2
 CHAN 58

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.18865E 00	1	-0.95168E-02	-0.13861E-01	0.16813E-01	214.4
	2	-0.58232E-03	-0.59595E-02	0.59879E-02	185.5
	3	0.46826E-02	-0.68713E-03	0.47327E-02	98.3
	4	-0.17299E-01	0.94490E-02	0.19711E-01	298.6
	5	-0.55885E-02	-0.15059E-03	0.55905E-02	268.4
	6	-0.27484E-02	-0.57592E-03	0.28081E-02	258.1
	7	0.18270E-02	-0.20801E-02	0.27685E-02	138.7
	8	0.15163E-02	-0.26074E-02	0.30162E-02	149.8
	9	-0.28199E-03	-0.13071E-02	0.13372E-02	192.1
	10	0.15702E-02	-0.34247E-02	0.37675E-02	155.3

MAX=-0.15551E 00 MIN=-0.23281E 00 PEAK TO PEAK/2= 0.38651E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

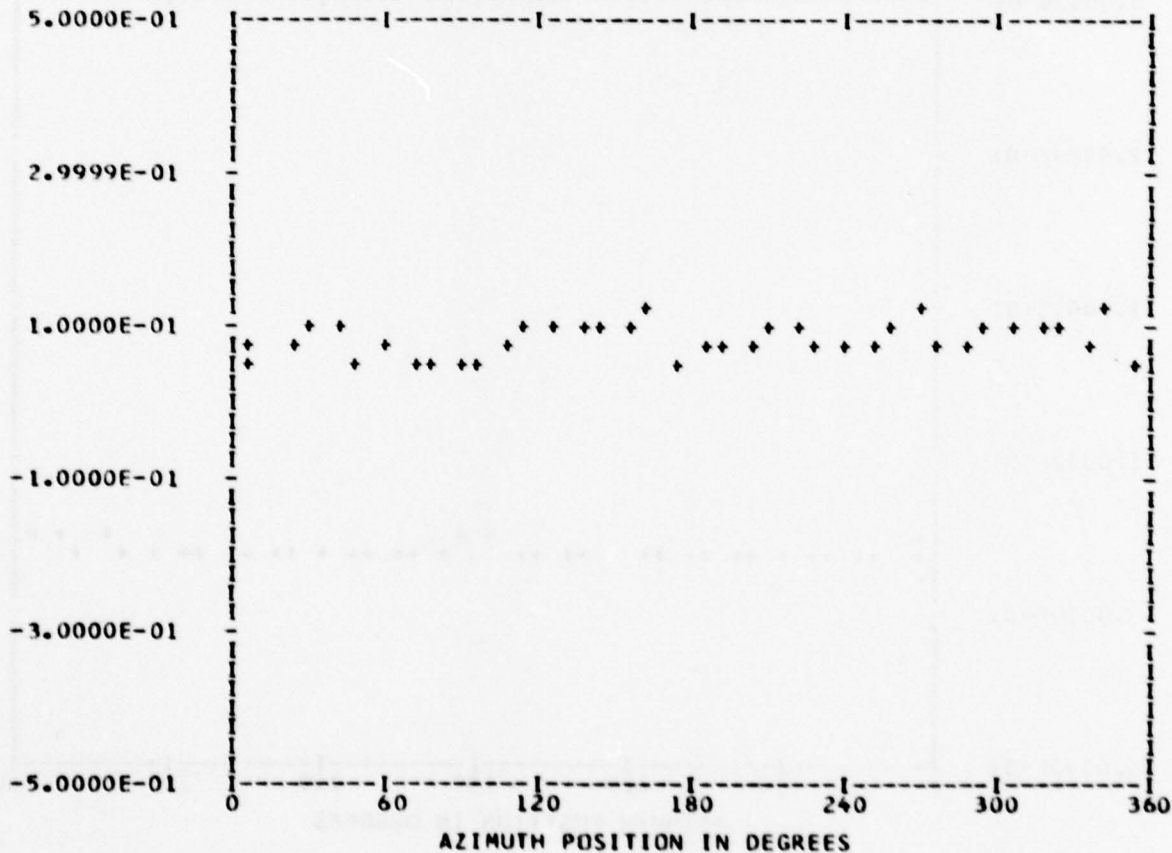
*** PS045.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BANGEDGE 0

RUN 21
 TP 2
 CHAN 49

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.83152E-01	1	-0.64749E-02	-0.80853E-02	0.10358E-01	218.6
	2	0.63032E-03	-0.13319E-01	0.13334E-01	177.2
	3	0.36467E-02	0.64475E-02	0.74074E-02	29.4
	4	-0.85211E-02	0.44397E-02	0.96084E-02	297.5
	5	-0.69944E-02	-0.43588E-02	0.82414E-02	238.0
	6	-0.59254E-02	0.44638E-02	0.74186E-02	306.9
	7	0.22603E-02	0.39165E-02	0.45219E-02	29.9
	8	-0.86600E-02	-0.61440E-02	0.10618E-01	234.6
	9	-0.61759E-02	-0.11747E-02	0.62866E-02	259.2
	10	-0.68811E-03	0.74398E-02	0.74716E-02	354.7

MAX= 0.13652E 00 MIN= 0.42893E-01 PEAK TO PEAK/2= 0.46815E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

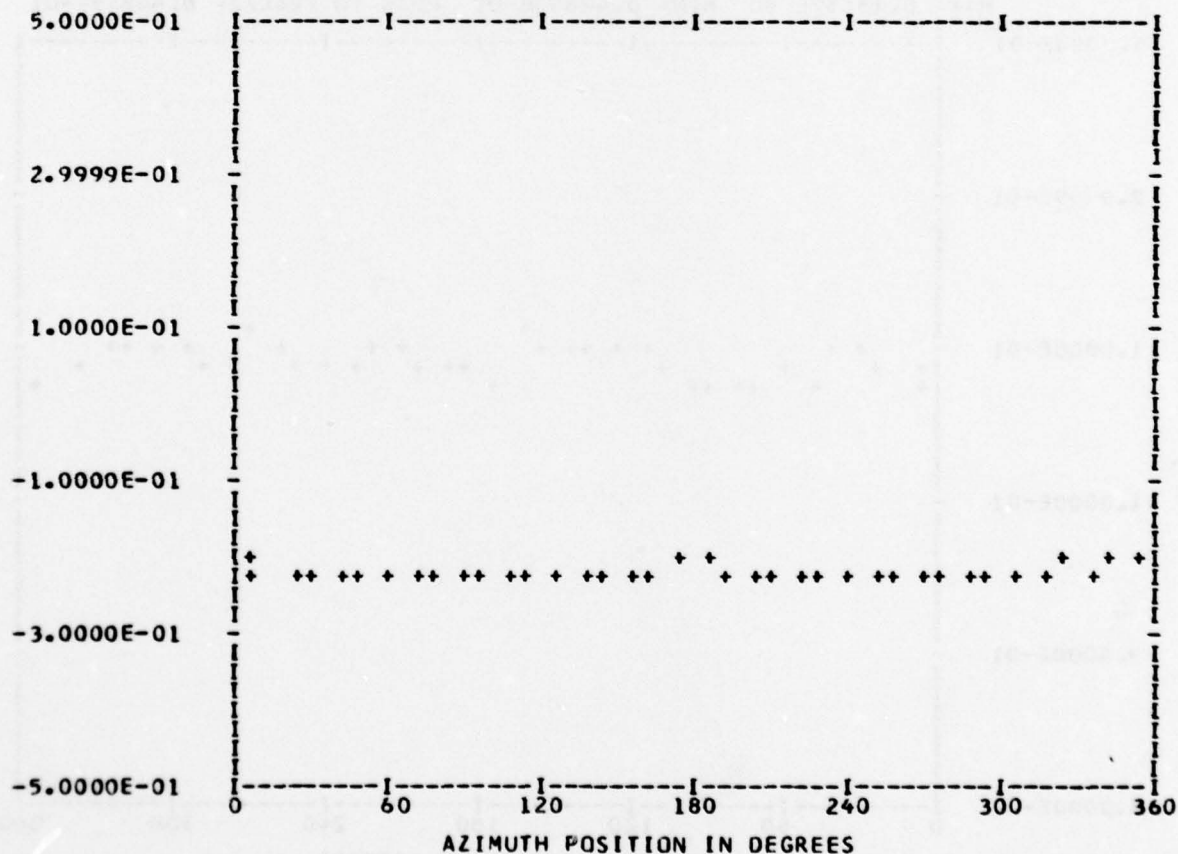
*** PS047.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BandedGE 0

RUN 21
 TP 2
 CHAN 54

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.21902E 00	1	0.52831E-03	-0.19892E-02	0.20582E-02	165.1
	2	0.27527E-02	-0.36886E-02	0.46025E-02	143.2
	3	-0.17751E-02	0.43615E-03	0.18279E-02	283.8
	4	-0.21013E-03	-0.33313E-02	0.33379E-03	183.6
	5	0.46197E-03	-0.11665E-02	0.12547E-02	158.3
	6	0.51904E-03	-0.11817E-02	0.12906E-02	156.2
	7	-0.51437E-03	0.21891E-03	0.55901E-03	293.0
	8	0.55303E-03	-0.25509E-02	0.26102E-02	167.7
	9	-0.37311E-03	0.28770E-04	0.37422E-03	274.4
	10	-0.46005E-03	-0.42600E-03	0.62700E-03	227.2

MAX=-0.20691E 00 MIN=-0.22821E 00 PEAK TO PEAK/2= 0.10650E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

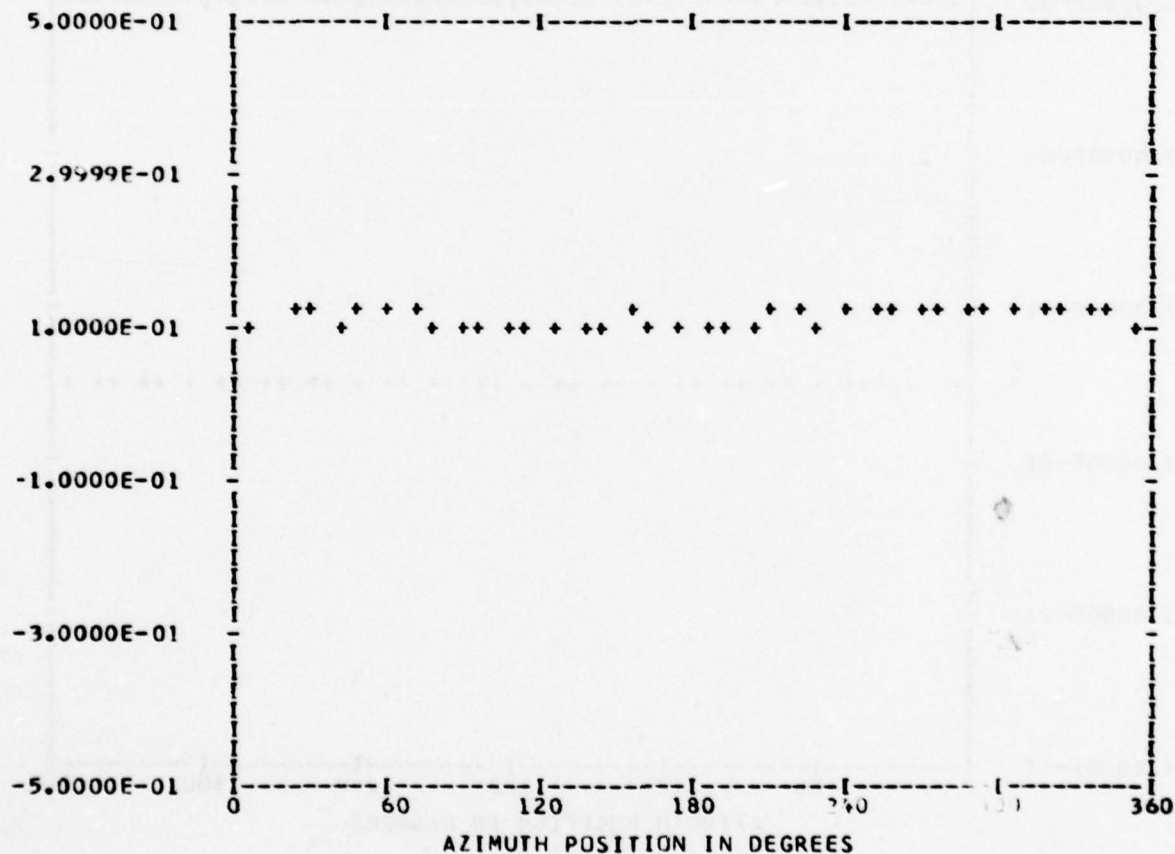
*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BANDEDGE 0

*** PS047.2 WAVEFORM ***
 *** CYCLE 0 ***

RUN 21
 TP 2
 CHAN 51

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.11347E 00	1	0.39434E-02	-0.84023E-02	0.92816E-02	154.8
	2	0.22138E-03	-0.19224E-02	0.19351E-02	173.4
	3	-0.31280E-02	0.13182E-02	0.33944E-02	292.8
	4	-0.44069E-02	-0.21279E-02	0.48938E-02	244.2
	5	-0.14069E-02	-0.77775E-03	0.16075E-02	241.0
	6	-0.95806E-03	0.67668E-04	0.96045E-03	274.0
	7	0.11650E-02	0.15486E-02	0.19379E-02	36.9
	8	-0.18657E-02	0.32384E-02	0.37374E-02	330.0
	9	-0.55787E-03	0.58400E-03	0.80764E-03	316.3
	10	0.64630E-03	-0.89854E-03	0.11068E-02	144.2

MAX= 0.13364E 00 MIN= 0.96107E-01 PEAK TO PEAK/2= 0.18767E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

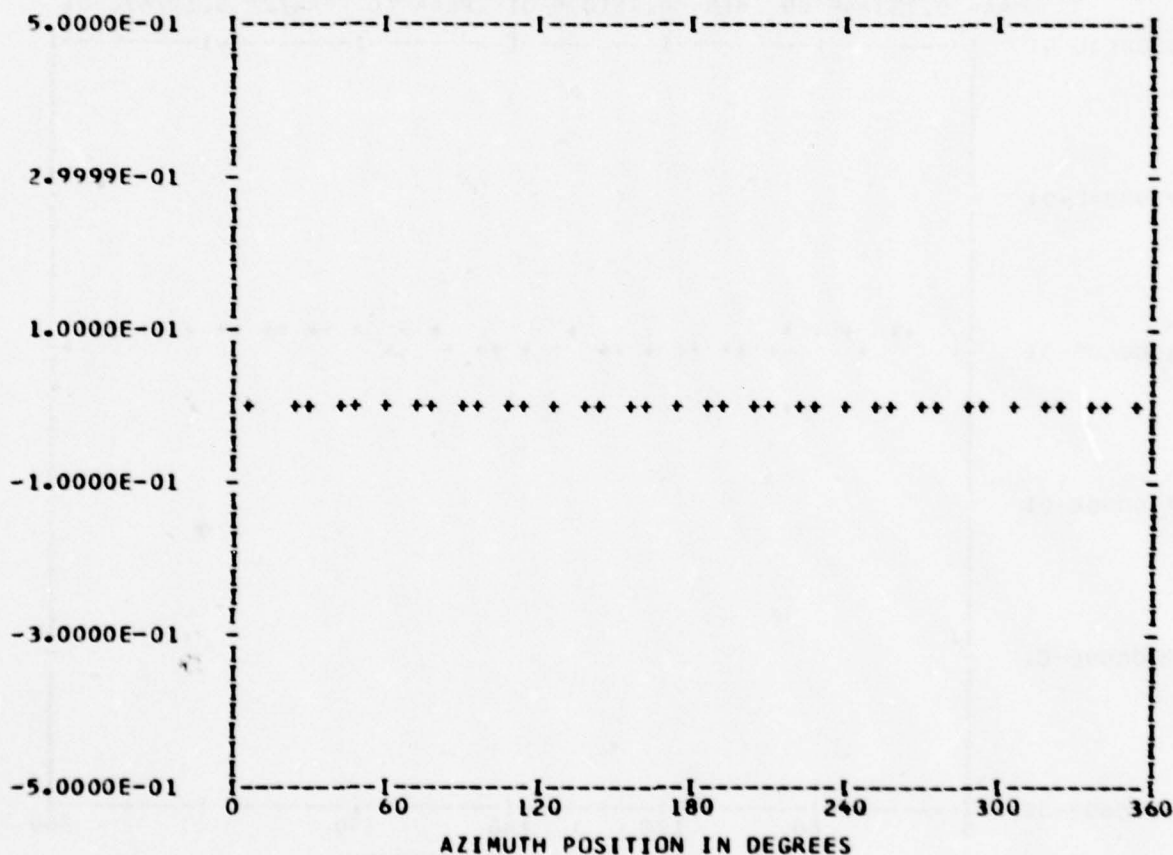
*** PS048.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BANDEDGE 0

RUN 21
 TP 2
 CHAN 59

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.12464E-02	1	0.17517E-04	0.39067E-05	0.17947E-04	77.4
	2	-0.43709E-03	0.25903E-04	0.43786E-03	273.3
	3	0.14571E-03	0.79596E-04	0.16603E-03	61.3
	4	-0.66963E-04	-0.11018E-03	0.12894E-03	211.2
	5	-0.14480E-03	0.24760E-04	0.14690E-03	279.7
	6	-0.10608E-04	0.14951E-03	0.14989E-03	355.9
	7	0.13346E-03	0.11401E-03	0.17553E-03	49.4
	8	0.83671E-04	-0.30066E-03	0.31209E-03	164.4
	9	-0.93479E-04	0.11776E-04	0.94218E-04	277.1
	10	0.10168E-03	0.50081E-04	0.11334E-03	63.7

MAX= 0.15097E-02 MIN=-0.24587E-02 PEAK TO PEAK/2= 0.19842E-02



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

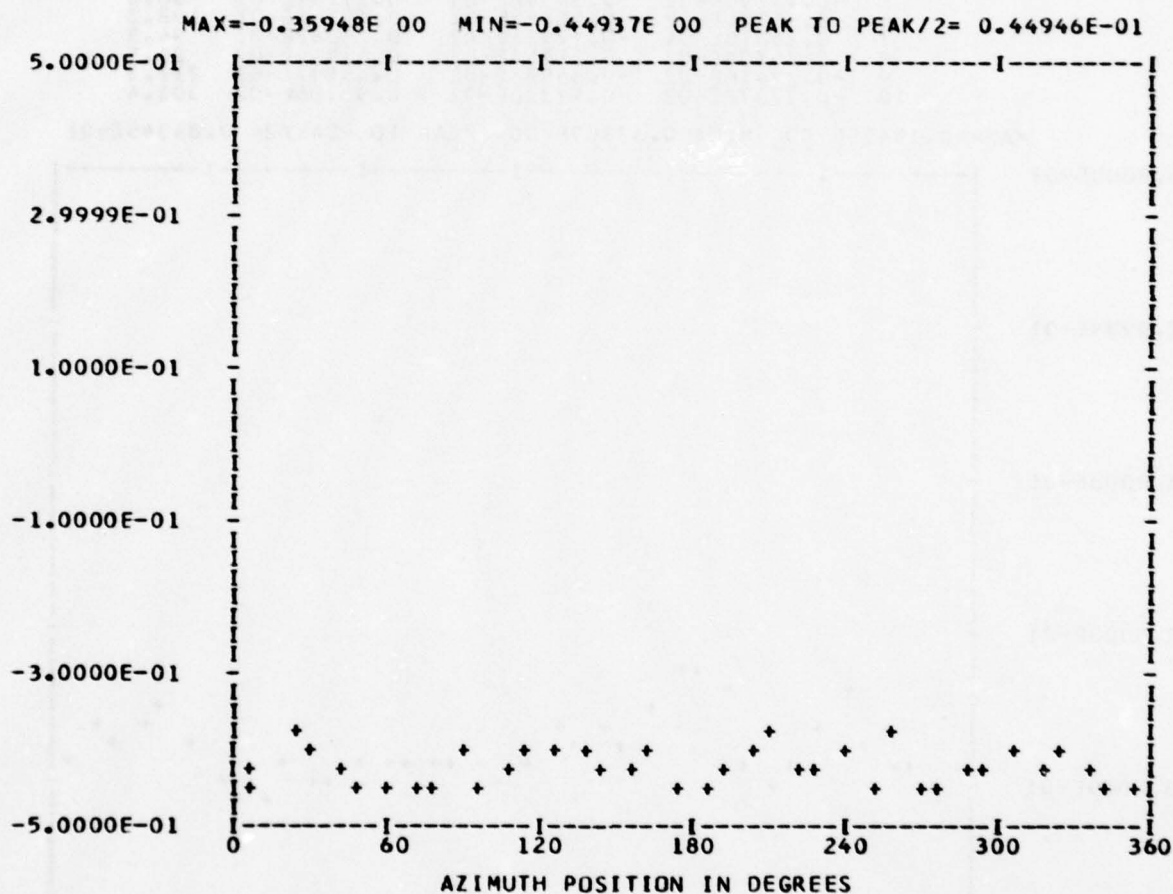
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*** DATA ANALYSIS ***
ENTERED          38
OUT OF RANGE     0
BANDEDGE        9

*** PS048.2 WAVEFORM ***
*** CYCLE 0 ***

RUN  21
TP   2
CHAN 61

HARMONIC ANALYSIS SKIPPED
    
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BBBB  A  N  N  DDDD  EEEEE  DDDD  GGGG  EEEEE
B  B  A  A  N  N  D  D  EEEEE  D  D  G  GGG  EEEEE
BBBB  A  A  A  N  N  D  D  EEEEE  D  D  G  GGG  EEEEE
B  B  A  A  A  N  N  D  D  EEEEE  D  D  G  GGG  EEEEE
BBBB  A  A  N  N  DDDD  EEEEE  DDDD  GGGG  EEEEE
    
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UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

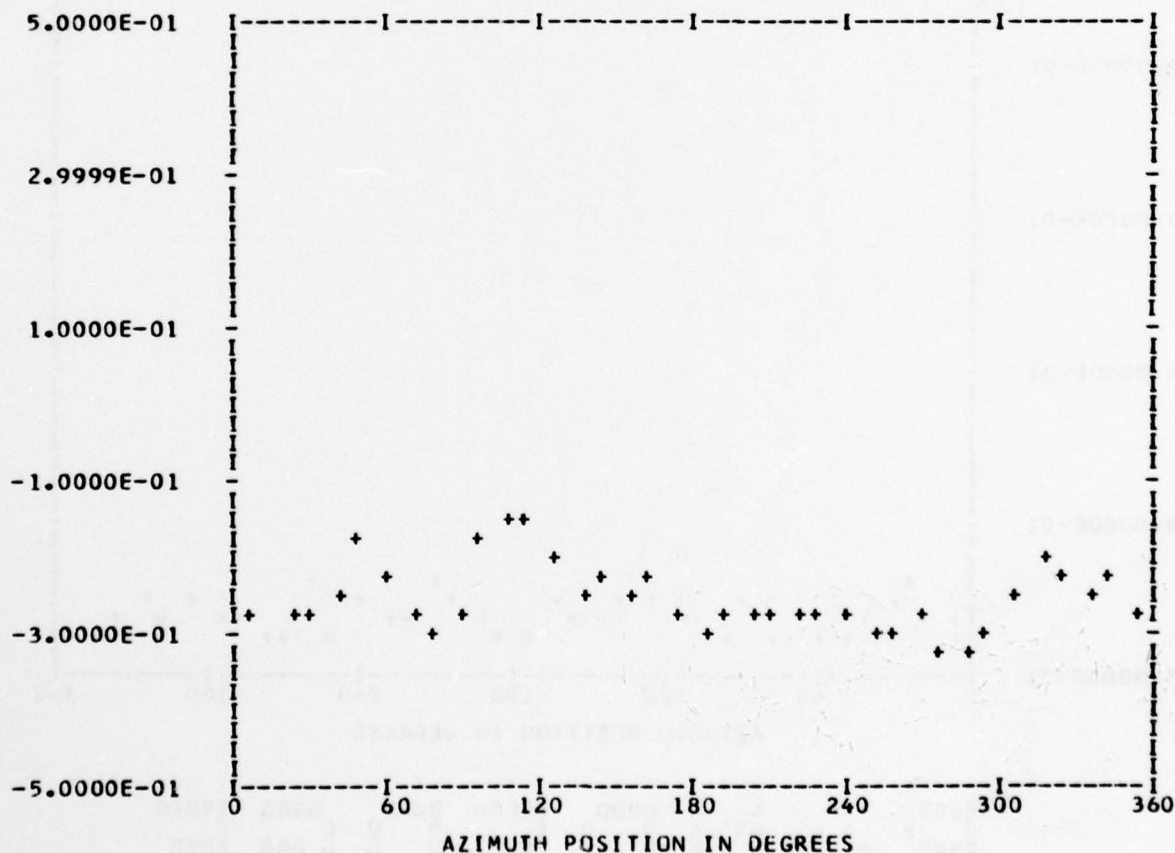
*** PS048.3 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BANDEDGE 0

RUN 21
 TP 2
 CHAN 47

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.25693E 00	1	0.35406E-02	0.33224E-01	0.33412E-01	6.0
	2	-0.66090E-02	-0.18110E-01	0.19278E-01	200.0
	3	0.55728E-02	-0.12671E-01	0.13843E-01	156.2
	4	-0.17644E-01	0.82105E-02	0.19461E-01	294.9
	5	-0.19790E-01	-0.38968E-03	0.19794E-01	268.8
	6	-0.36951E-02	-0.11165E-01	0.11761E-01	198.3
	7	0.23015E-01	-0.17631E-02	0.23082E-01	94.3
	8	0.25708E-02	0.51453E-02	0.57519E-02	26.5
	9	-0.27416E-02	-0.35933E-02	0.45197E-02	217.3
	10	-0.77378E-02	0.47330E-02	0.90706E-02	301.4

MAX=-0.15439E 00 MIN=-0.32309E 00 PEAK TO PEAK/2= 0.84345E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

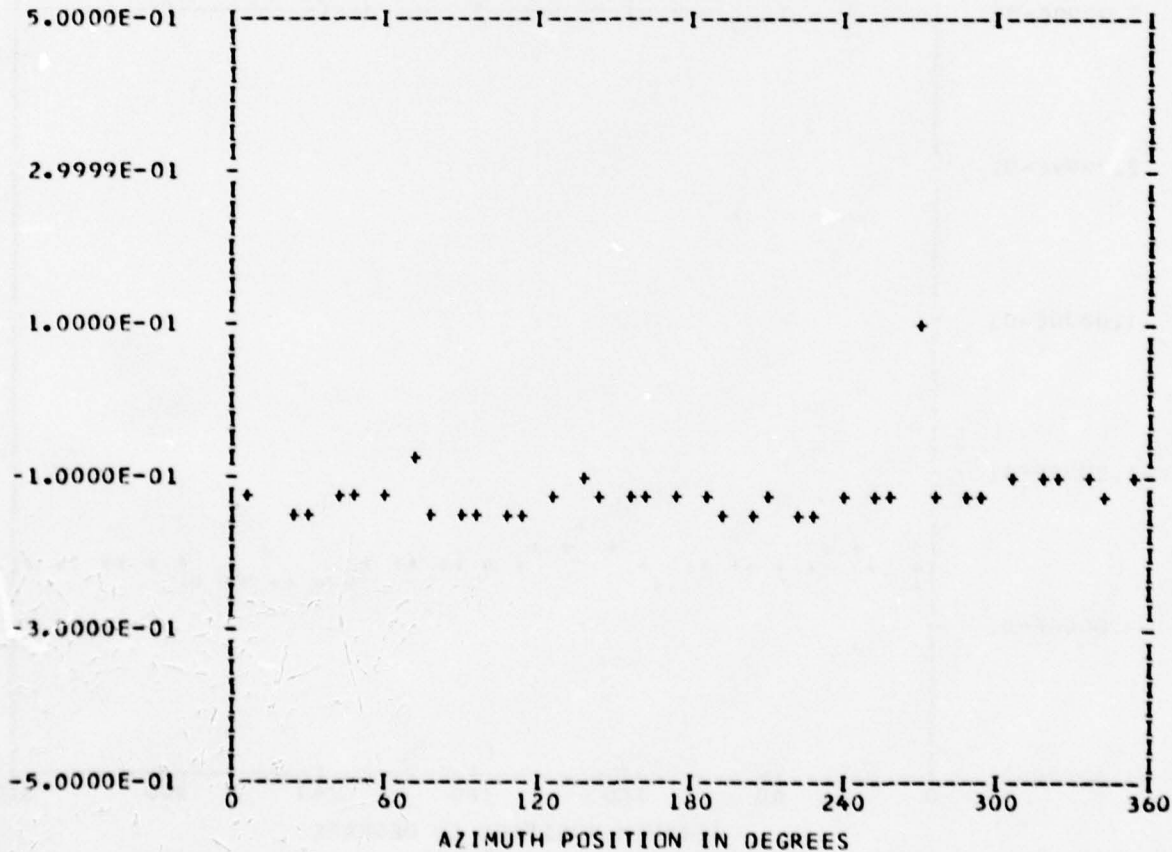
*** PS052.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 RANDEGE 0

RUN 21
 TP 2
 CHAN 57

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.12186E 00	1	0.44967E-02	-0.19757E-01	0.20262E-01	167.1
	2	-0.10956E-01	-0.26129E-02	0.11263E-01	256.5
	3	0.29726E-02	0.12482E-01	0.12831E-01	13.3
	4	-0.19882E-02	-0.14768E-01	0.14902E-01	187.6
	5	-0.93817E-02	-0.11075E-01	0.14514E-01	220.2
	6	0.55381E-02	0.10023E-01	0.11452E-01	28.9
	7	0.11216E-01	0.22616E-02	0.11442E-01	78.5
	8	0.13759E-03	-0.14183E-01	0.14183E-01	179.4
	9	-0.11447E-01	0.24061E-02	0.11697E-01	281.8
	10	0.47057E-03	0.75221E-02	0.75368E-02	3.5

MAX= 0.91401E-01 MIN=-0.15853E 00 PEAK TO PEAK/2= 0.12496E 00



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

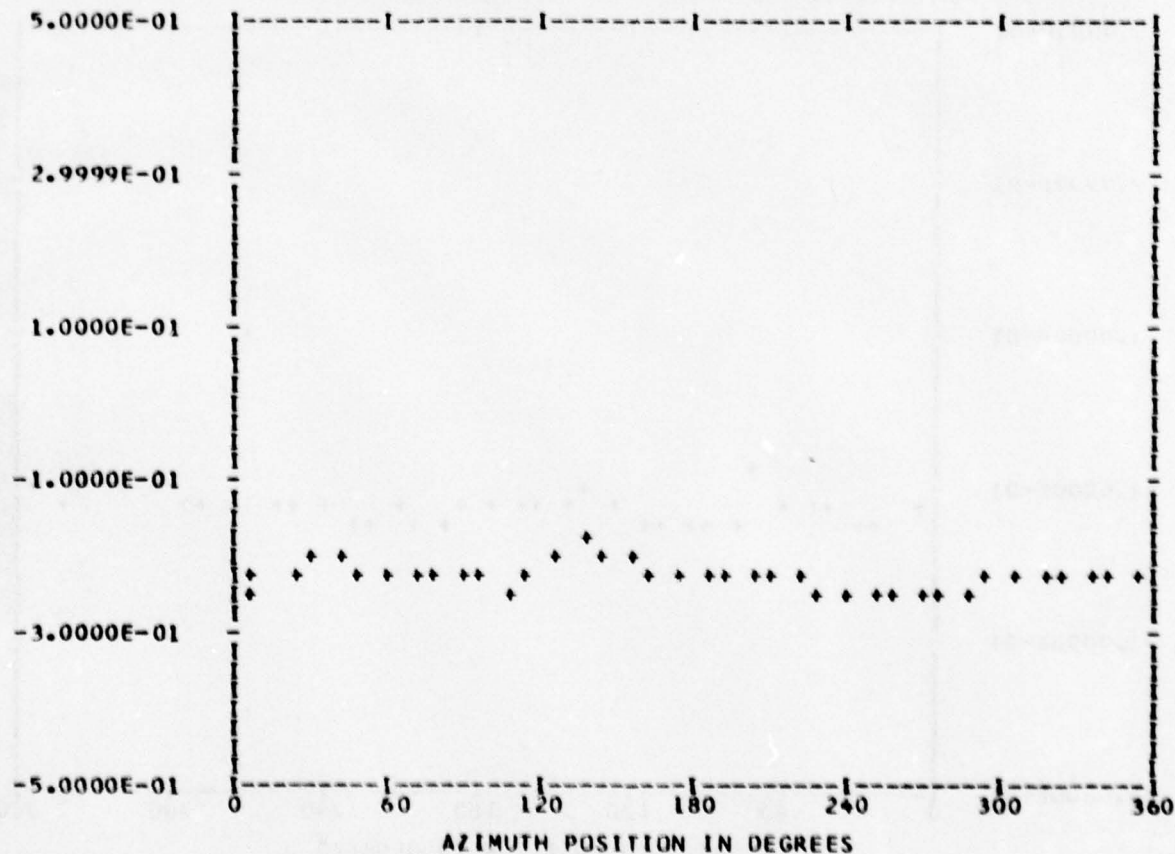
*** PS052.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BandedGE 0

RUN 21
 TP 2
 CHAN 50

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.22482E 00	1	-0.29910E-02	0.11148E-01	0.11543E-01	344.9
	2	0.76675E-02	-0.90916E-02	0.11893E-01	139.8
	3	0.92418E-03	0.15894E-02	0.18385E-02	30.1
	4	-0.97627E-02	0.61829E-02	0.11555E-01	302.3
	5	0.10653E-02	-0.36004E-02	0.37547E-02	163.5
	6	-0.27829E-02	0.61274E-02	0.67298E-02	335.5
	7	-0.48443E-02	-0.94062E-03	0.49348E-02	259.0
	8	-0.24068E-02	-0.46338E-02	0.52216E-02	207.4
	9	0.60789E-03	-0.12027E-03	0.61968E-03	101.1
	10	-0.52497E-03	-0.18798E-03	0.55761E-03	250.2

MAX=-0.17844E 00 MIN=-0.25203E 00 PEAK TO PEAK/2= 0.36799E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

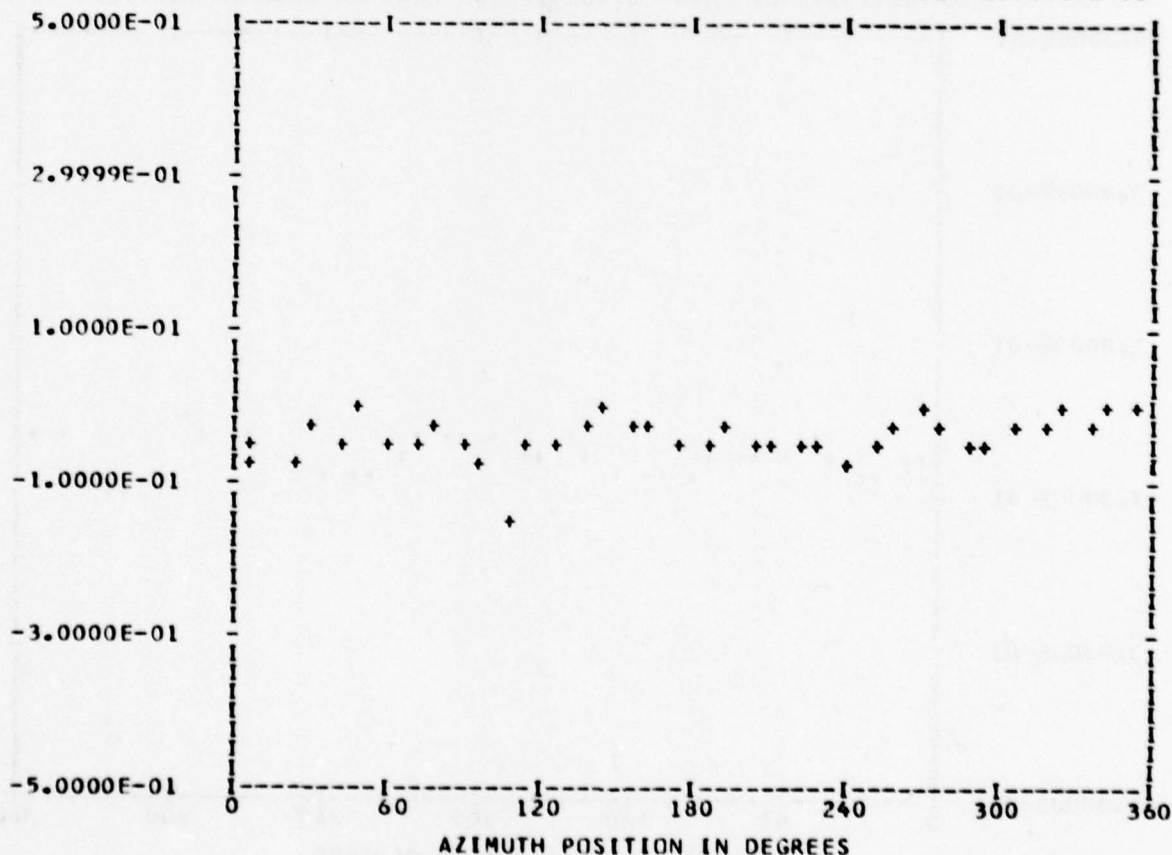
*** PS056.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BandedGE 0

RUN 21
 TP 2
 CHAN 60

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.40007E-01	1	0.78463E-02	-0.82655E-02	0.11396E-01	136.4
	2	0.28350E-02	-0.93380E-02	0.97589E-02	163.1
	3	-0.29614E-02	0.74966E-02	0.80603E-02	338.4
	4	-0.16836E-01	-0.10374E-01	0.19775E-01	238.3
	5	-0.46586E-02	-0.11789E-01	0.12676E-01	201.5
	6	-0.21247E-02	0.12890E-01	0.13064E-01	350.6
	7	-0.50464E-02	-0.43059E-02	0.66338E-02	229.5
	8	-0.52355E-02	-0.10987E-01	0.12170E-01	205.4
	9	-0.36881E-02	-0.22817E-02	0.43369E-02	238.2
	10	0.37042E-02	0.28022E-02	0.46447E-02	52.8

MAX= 0.11796E-01 MIN=-0.14162E 00 PEAK TO PEAK/2= 0.76709E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

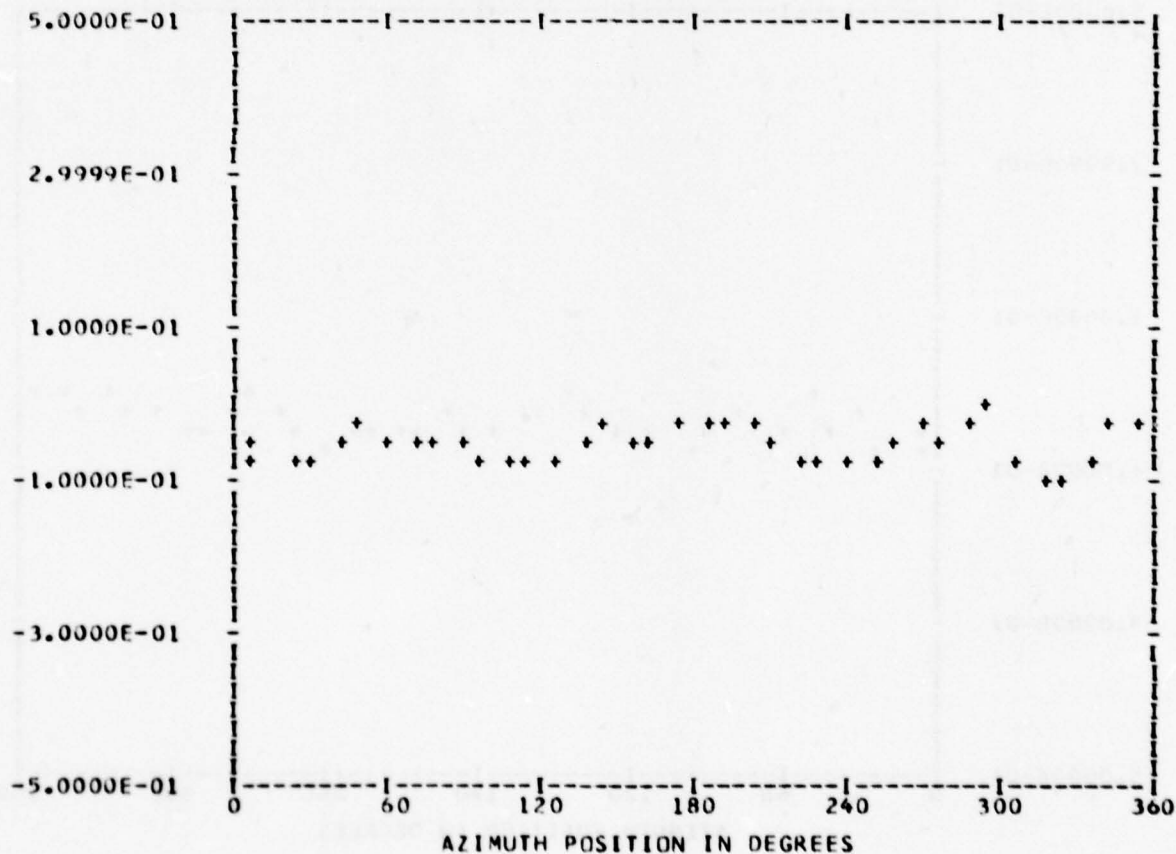
*** PS056.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BANDEGE 0

RUN 21
 TP 2
 CHAN 45

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.52502E-01	1	-0.41024E-02	-0.12638E-02	0.42926E-02	252.8
	2	0.39429E-02	0.30426E-02	0.49804E-02	52.3
	3	-0.99977E-02	0.93032E-02	0.13656E-01	312.9
	4	0.11564E-01	-0.19825E-02	0.11732E-01	99.7
	5	0.79437E-02	-0.15864E-01	0.17742E-01	153.4
	6	0.19314E-02	-0.79706E-02	0.82013E-02	166.3
	7	-0.43919E-02	-0.11330E-01	0.12151E-01	201.1
	8	-0.11498E-02	-0.36887E-02	0.38637E-02	197.3
	9	-0.44497E-02	0.13829E-02	0.46596E-02	287.2
	10	0.36585E-03	0.18100E-03	0.40817E-03	63.6

MAX=-0.11525E-01 MIN=-0.10297E 00 PEAK TO PEAK/2= 0.45725E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

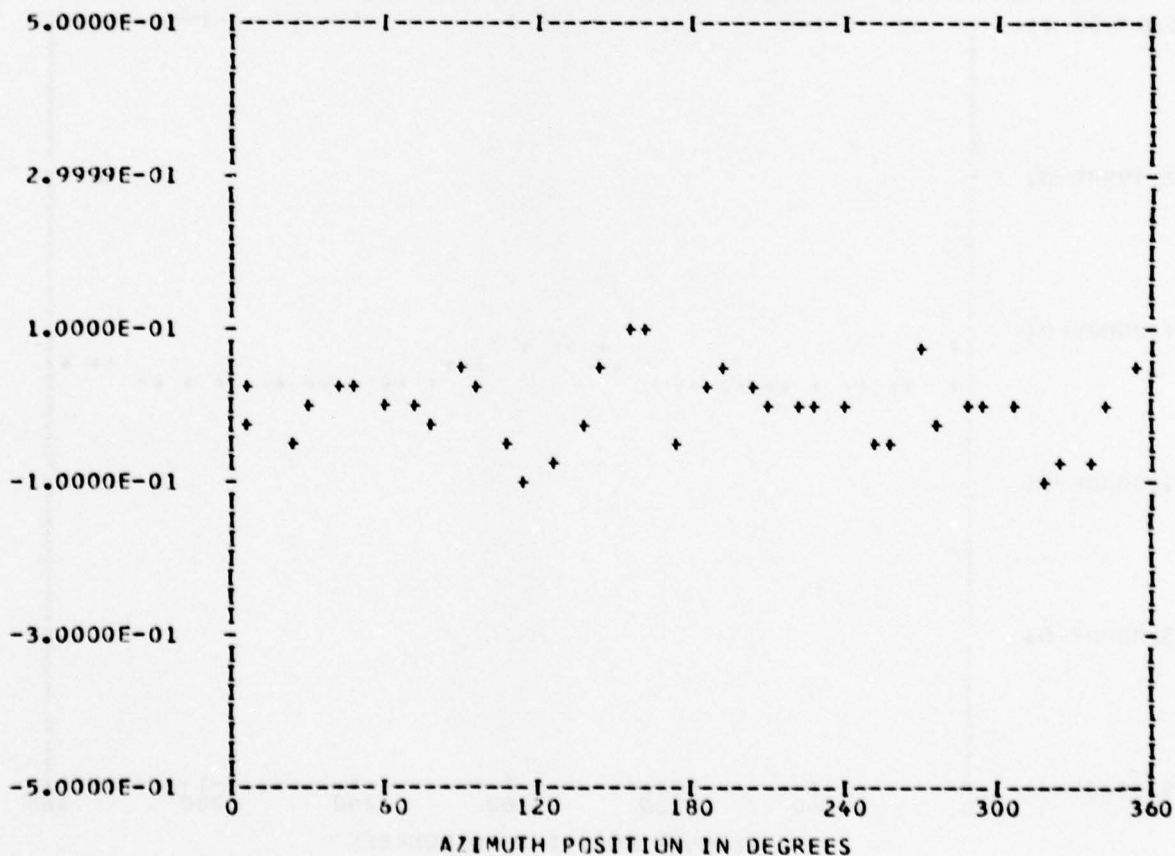
*** PS056.3 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BANDEGE 0

RUN 21
 TP 2
 CHAN 48

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.46061E-02	1	-0.17139E-01	0.37183E-02	0.17537E-01	282.2
	2	0.13660E-01	0.10713E-01	0.17360E-01	51.8
	3	-0.10142E-01	0.16846E-01	0.19664E-01	328.9
	4	0.13639E-01	-0.15052E-01	0.20313E-01	137.8
	5	0.23533E-01	-0.17478E-02	0.23598E-01	94.2
	6	-0.20656E-01	-0.10170E-01	0.23024E-01	243.7
	7	0.57916E-02	-0.26186E-01	0.26819E-01	167.5
	8	0.87752E-02	-0.37471E-03	0.87832E-02	92.4
	9	-0.64669E-02	-0.98631E-02	0.11794E-01	213.2
	10	-0.44620E-02	0.12234E-01	0.13022E-01	339.9

MAX= 0.10372E 00 MIN=-0.97728E-01 PEAK TO PEAK/2= 0.10072E 00



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

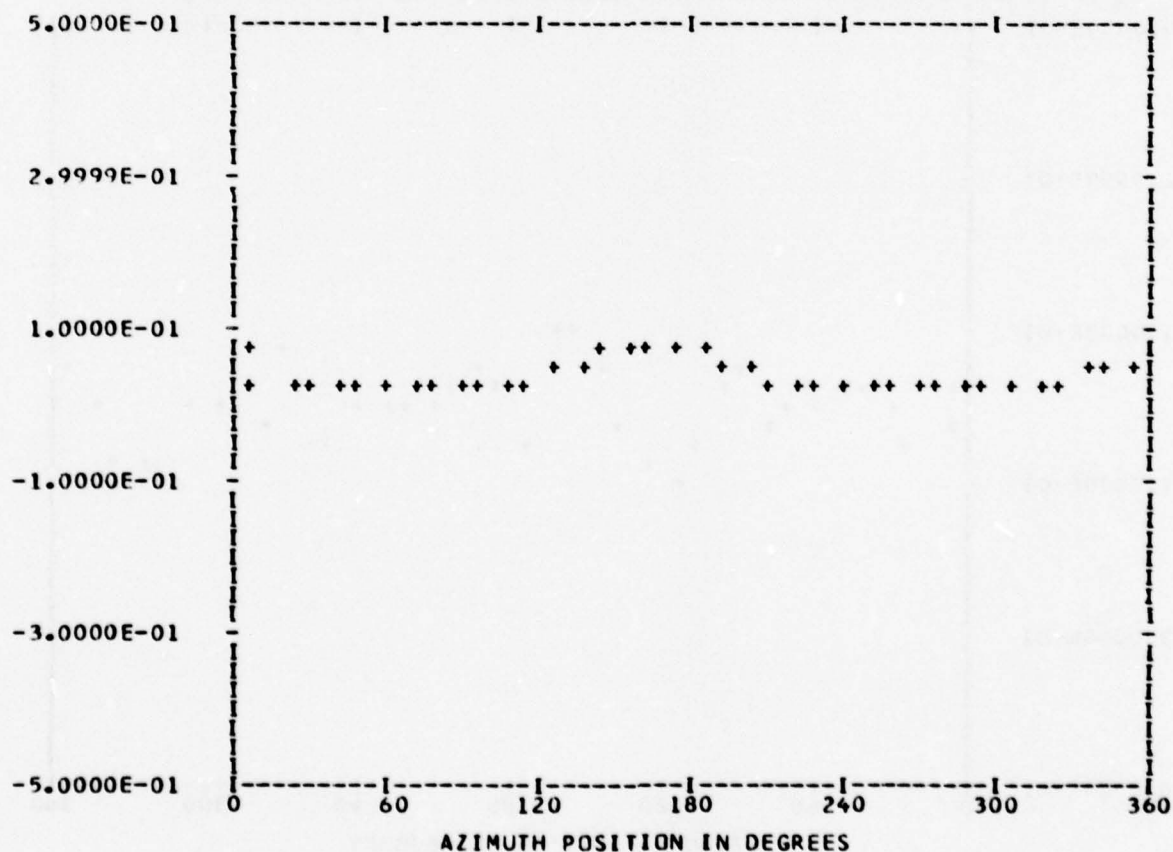
*** PS057.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 RANDEDGE 0

RUN 21
 TP 2
 CHAN 55

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.38345E-01	1	-0.67227E-02	0.24903E-02	0.71691E-02	290.3
	2	0.11909E-01	-0.13851E-01	0.18267E-01	139.3
	3	0.16080E-02	0.14912E-02	0.21931E-02	47.1
	4	0.30566E-02	-0.73099E-02	0.79232E-02	157.3
	5	0.25674E-02	-0.13242E-02	0.28888E-02	117.2
	6	-0.33328E-03	-0.27409E-02	0.27611E-02	186.9
	7	-0.87625E-03	-0.57747E-03	0.10494E-02	236.6
	8	0.10806E-02	-0.24183E-02	0.26488E-02	155.9
	9	-0.46211E-03	-0.92451E-03	0.10335E-02	206.5
	10	-0.62310E-03	-0.16122E-02	0.17284E-02	201.1

MAX= 0.72525E-01 MIN= 0.18822E-01 PEAK TO PEAK/2= 0.26851E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

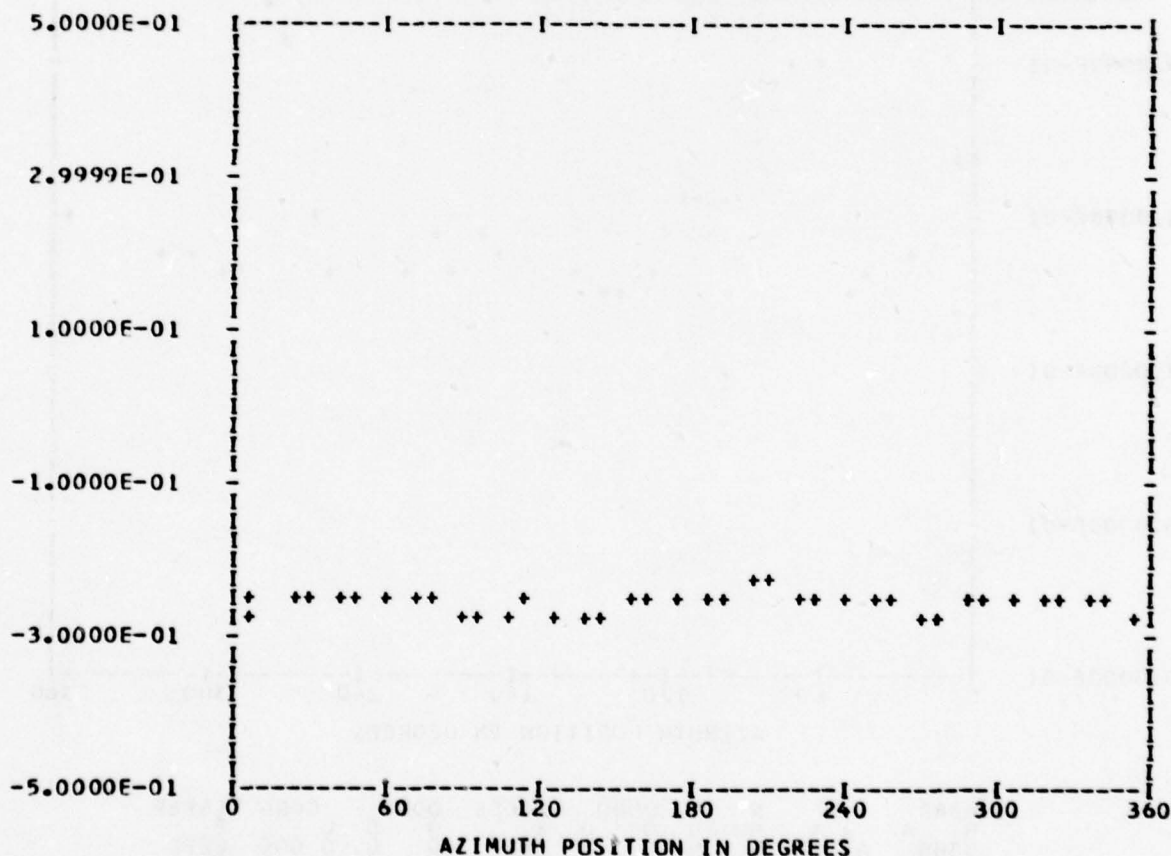
*** PS057.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BANDEDGE 0

RUN 21
 TP 2
 CHAN 52

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.25672E 00	1	-0.17517E-02	-0.37869E-02	0.41724E-02	204.8
	2	0.39413E-02	0.25931E-02	0.47178E-02	56.6
	3	-0.54575E-02	-0.34438E-02	0.64533E-02	237.7
	4	-0.39776E-02	0.34397E-02	0.52586E-02	310.8
	5	0.19025E-03	0.33834E-03	0.38817E-03	29.3
	6	-0.78502E-04	0.16339E-02	0.16358E-02	357.2
	7	0.10676E-02	0.30923E-03	0.11115E-02	73.8
	8	-0.36744E-02	0.29006E-02	0.46813E-02	308.2
	9	0.13572E-03	-0.20303E-03	0.24422E-03	146.2
	10	0.78044E-03	-0.11792E-02	0.14141E-02	146.5

MAX=-0.23650E 00 MIN=-0.27017E 00 PEAK TO PEAK/2= 0.16836E-01



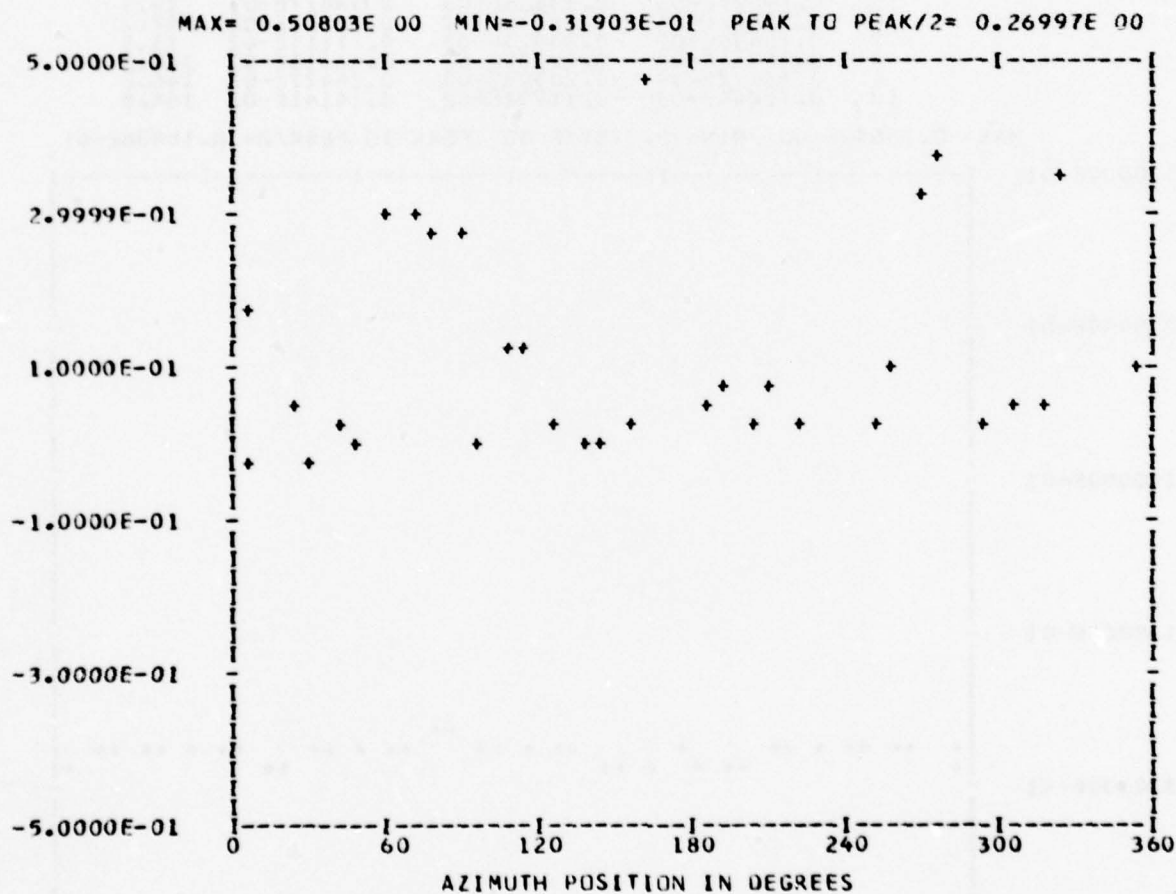
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

*** PS071.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 6
 BANEEDGE 6

RUN 21
 TP 2
 CHAN 46

HARMONIC ANALYSIS SKIPPED



BBBB	A	N	N	DDDD	EEEE	DDDD	GGGG	EEEE
R	A A	NN	NN	D D	E E	D D	G G	E E
BBBB	A A A	NN	NN	D D	E E E	D D	G G G	E E E
R	AAAAA	NN	NN	D D	E E E E	D D	G G G G	E E E E
BBBB	A A	N	N	DDDD	EEEE	DDDD	GGGG	EEEE

UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

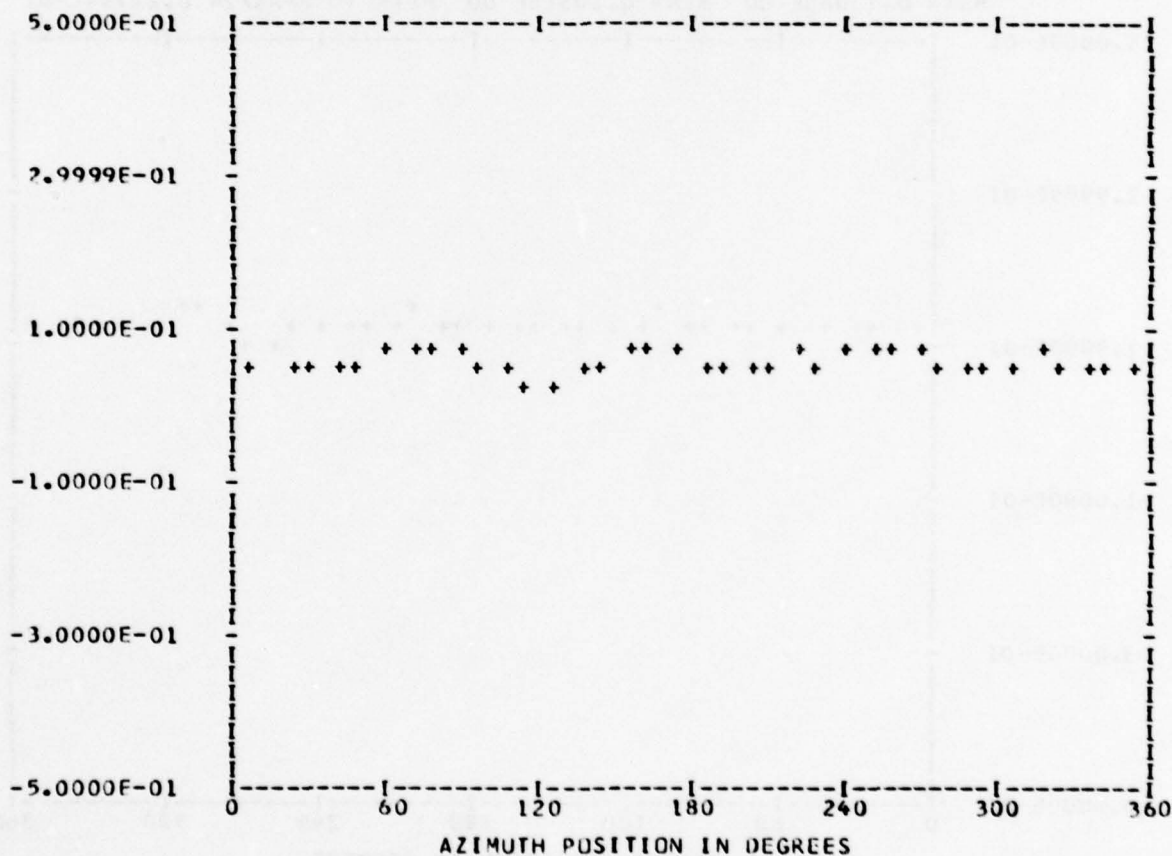
*** PS072.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BANDEDGE 0

RUN 21
 TP 2
 CHAN 56

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.56609E-01	1	-0.31372E-02	-0.33268E-02	0.45727E-02	223.3
	2	-0.64939E-03	0.59506E-02	0.59859E-02	353.7
	3	-0.39980E-02	0.34484E-02	0.52797E-02	310.7
	4	-0.30915E-02	-0.12297E-01	0.12680E-01	194.1
	5	0.28825E-02	0.41334E-02	0.50393E-02	34.8
	6	-0.44738E-03	0.67123E-03	0.80666E-03	326.3
	7	0.12245E-02	0.64971E-03	0.13862E-02	62.0
	8	-0.42879E-04	-0.41591E-02	0.41593E-02	180.5
	9	-0.54480E-03	-0.13672E-04	0.54498E-03	268.5
	10	-0.14771E-02	-0.43342E-03	0.15393E-02	253.6

MAX= 0.84066E-01 MIN= 0.28065E-01 PEAK TO PEAK/2= 0.28000E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

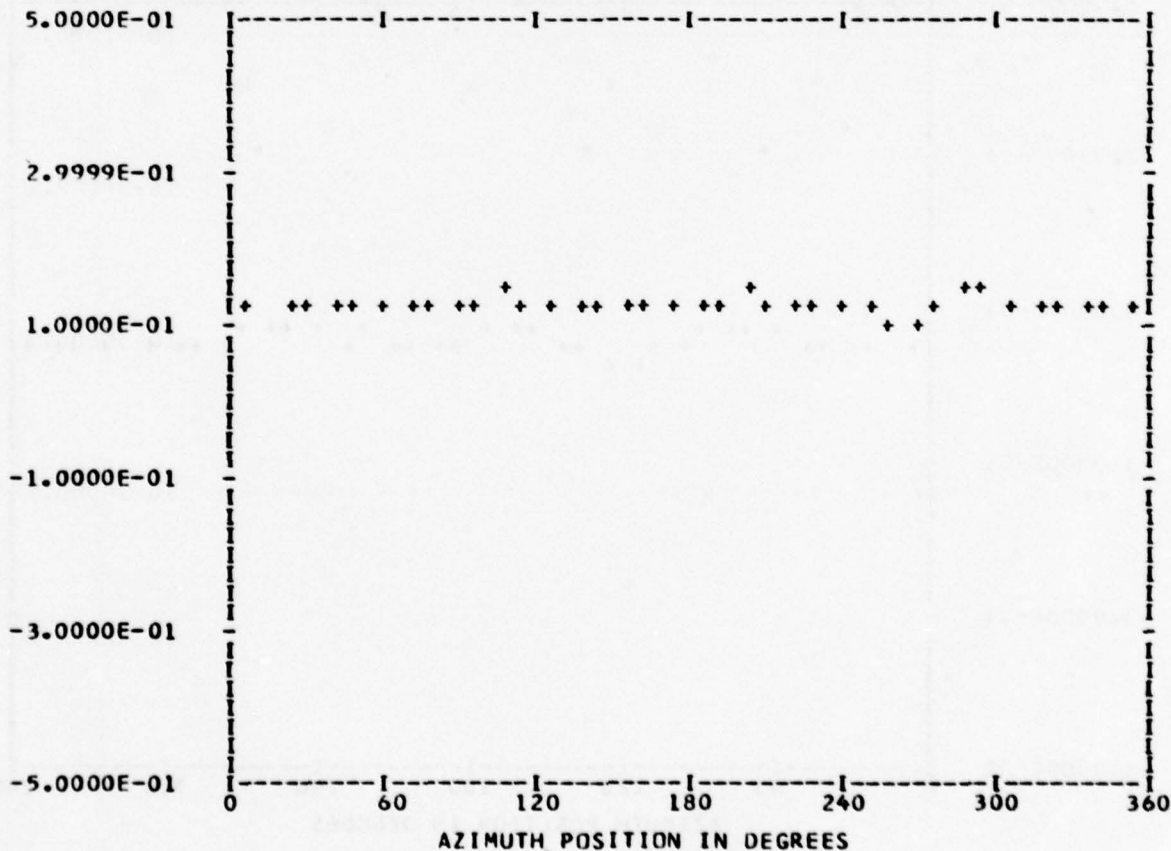
*** PS072.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BANDEGE 0

RUN 21
 TP 2
 CHAN 53

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.12583E 00	1	-0.36063E-03	0.65086E-03	0.74409E-03	331.0
	2	0.22430E-03	-0.72449E-02	0.72484E-02	178.2
	3	-0.38145E-02	0.21605E-03	0.38206E-02	273.2
	4	0.56255E-03	0.77328E-02	0.77533E-02	4.1
	5	0.17738E-02	-0.66074E-03	0.18929E-02	110.4
	6	0.10708E-02	-0.20346E-03	0.10899E-02	100.7
	7	-0.83360E-03	-0.51121E-03	0.97787E-03	238.4
	8	-0.11804E-02	0.51738E-02	0.53067E-02	347.1
	9	0.54085E-03	-0.21540E-03	0.58216E-03	111.7
	10	0.64291E-04	-0.47551E-03	0.47984E-03	172.3

MAX= 0.15063E 00 MIN= 0.10516E 00 PEAK TO PEAK/2= 0.22734E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

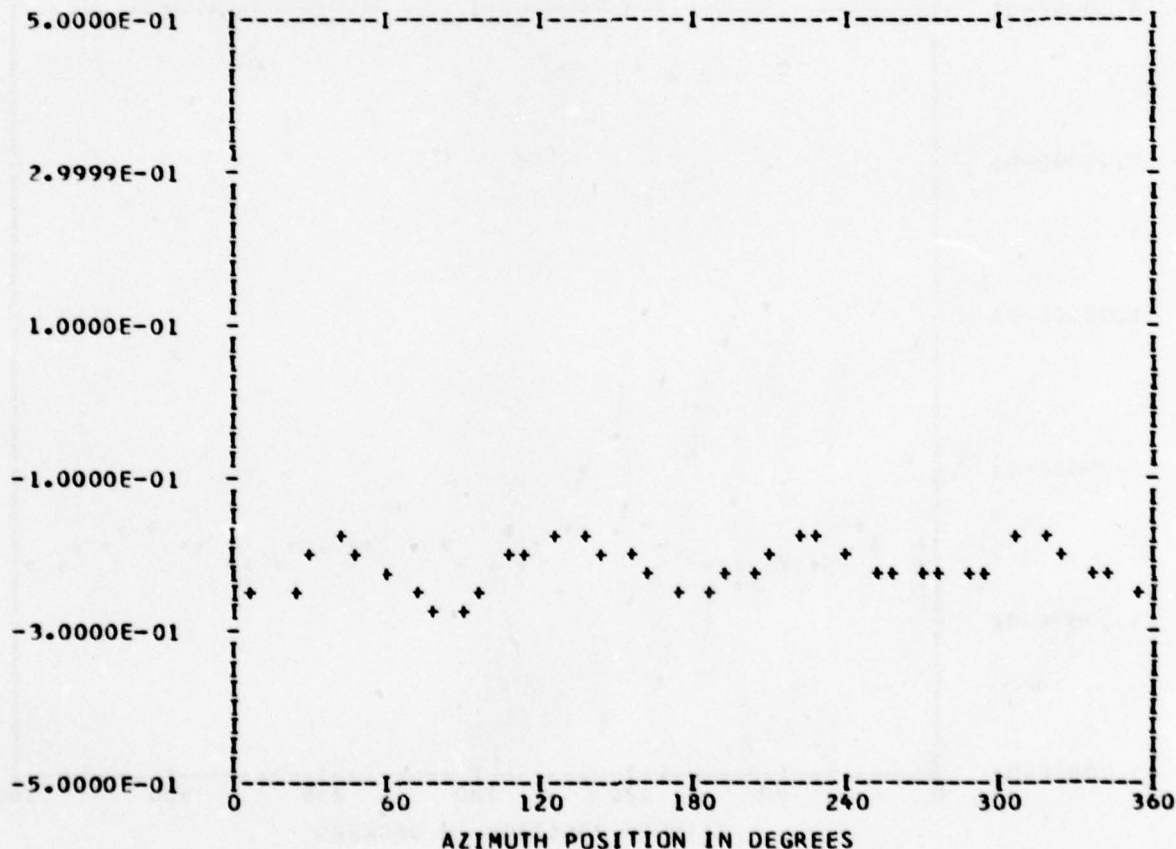
*** PS045.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 Bandedge 0

RUN 22
 TP 2
 CHAN 58

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.21871E 00	1	-0.99845E-02	-0.66384E-02	0.11989E-01	236.3
	2	-0.22373E-03	-0.38609E-02	0.38674E-02	183.3
	3	0.47659E-02	0.20836E-02	0.52015E-02	66.3
	4	-0.24439E-01	0.24737E-01	0.34773E-01	315.3
	5	-0.65867E-02	0.18923E-02	0.68532E-02	286.0
	6	-0.29646E-02	-0.88168E-03	0.30929E-02	253.4
	7	0.29199E-03	-0.22659E-02	0.22846E-02	172.6
	8	-0.33836E-02	-0.43157E-02	0.54840E-02	218.0
	9	-0.32550E-02	-0.33204E-02	0.46498E-02	224.4
	10	0.16091E-02	0.21933E-03	0.16240E-02	82.2

MAX=-0.16479E 00 MIN=-0.27306E 00 PEAK TO PEAK/2= 0.54139E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

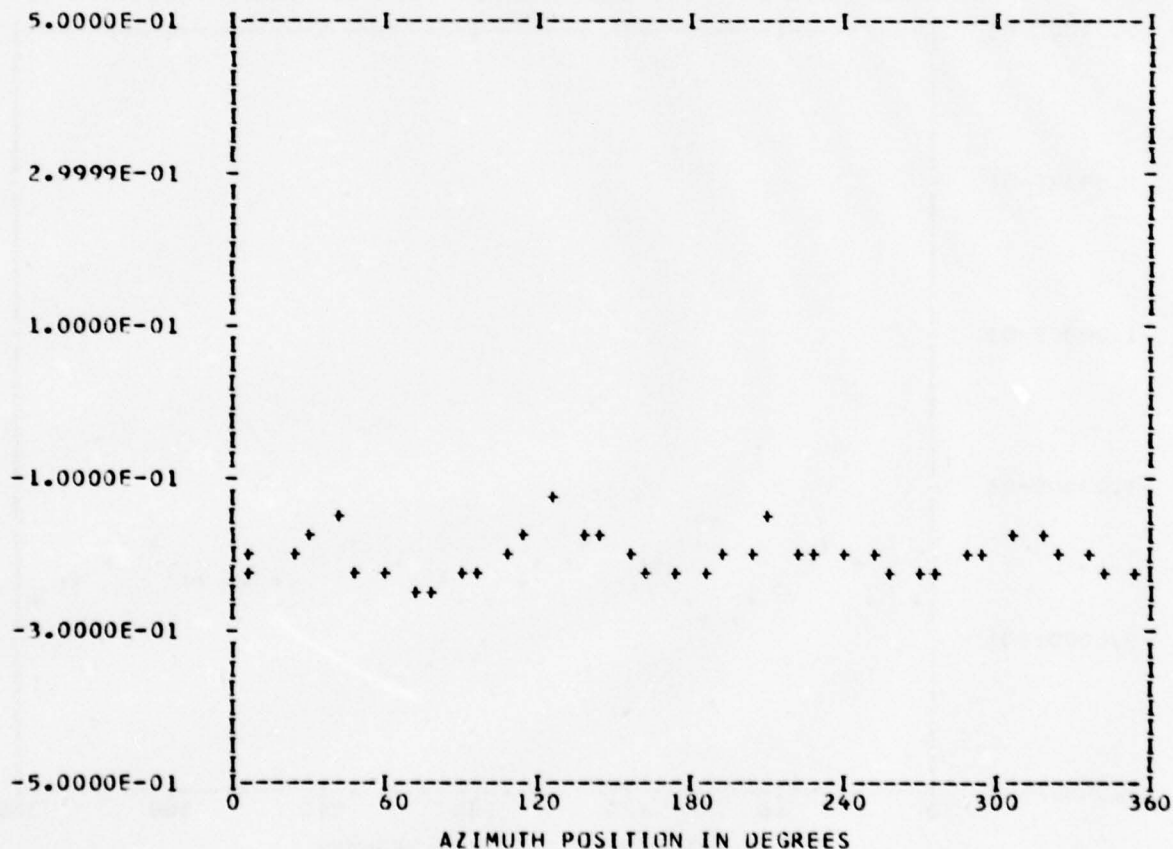
*** PS045.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BANDEDGE 0

RUN 22
 TP 2
 CHAN 49

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.20174E 00	1	-0.80784E-02	-0.18951E-03	0.80807E-02	268.6
	2	0.67319E-02	-0.85328E-02	0.10868E-01	141.7
	3	0.76741E-02	0.30067E-02	0.82421E-02	68.6
	4	-0.18566E-01	0.25832E-01	0.31811E-01	324.2
	5	-0.55248E-02	-0.25196E-02	0.60723E-02	245.4
	6	-0.21934E-02	0.27927E-02	0.35510E-02	321.8
	7	-0.33983E-02	-0.39286E-03	0.34209E-02	263.4
	8	-0.50090E-02	-0.60017E-02	0.78173E-02	219.8
	9	0.47408E-02	-0.16309E-02	0.50135E-02	108.9
	10	0.10780E-02	-0.39464E-02	0.40910E-02	164.7

MAX=-0.12305E 00 MIN=-0.25590E 00 PEAK TO PEAK/2= 0.66422E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

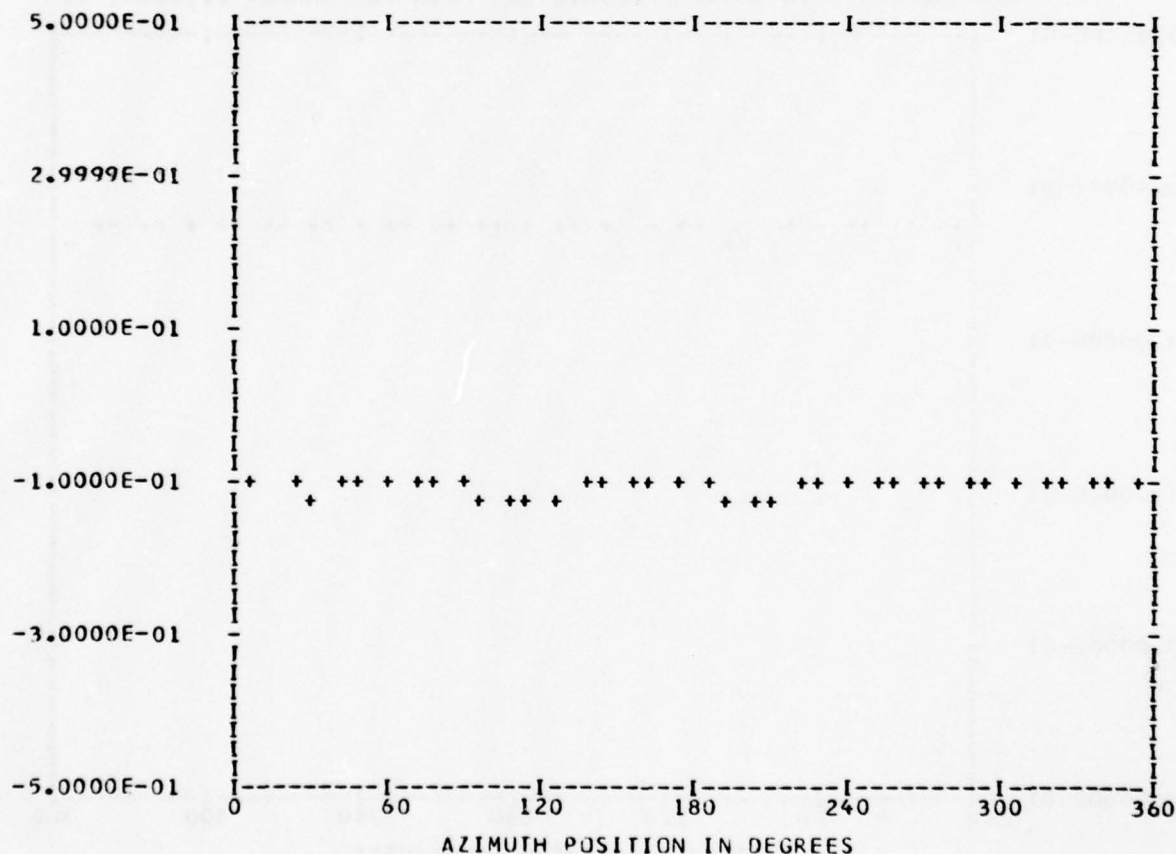
*** PS047.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BANDEGE 0

RUN 22
 TP 2
 CHAN 54

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.10836E 00	1	0.25464E-02	-0.20205E-02	0.32506E-02	128.4
	2	0.22047E-02	-0.16254E-02	0.27391E-02	126.3
	3	-0.81320E-03	0.39988E-03	0.90620E-03	296.1
	4	-0.14529E-02	-0.48236E-02	0.50377E-02	196.7
	5	0.14229E-02	-0.45894E-03	0.14950E-02	107.8
	6	-0.12149E-03	-0.10314E-02	0.10385E-02	186.7
	7	-0.23715E-04	0.45166E-03	0.45228E-03	356.9
	8	0.11744E-02	-0.11317E-02	0.16310E-02	133.9
	9	0.33277E-03	0.12566E-03	0.35571E-03	69.3
	10	-0.59269E-03	0.43725E-04	0.59430E-03	274.2

MAX=-0.94676E-01 MIN=-0.11984E 00 PEAK TO PEAK/2= 0.12586E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

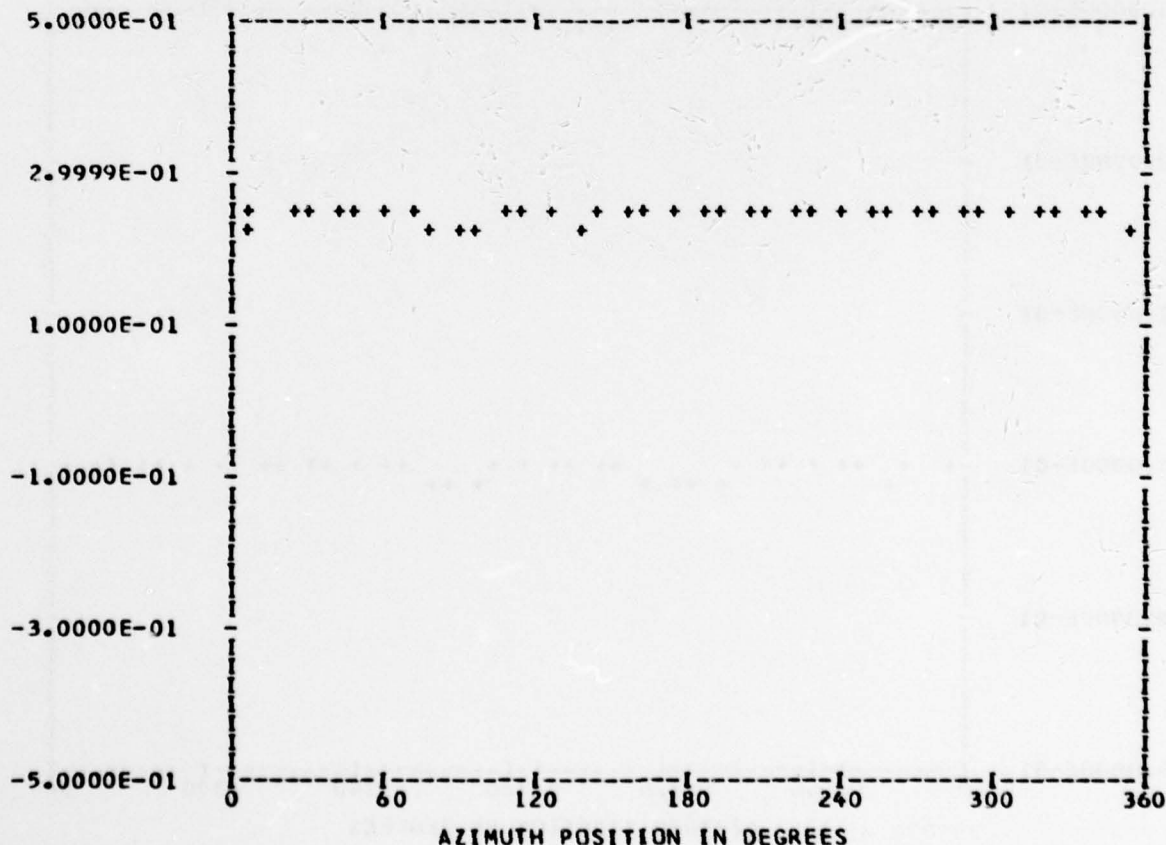
*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BANGEDGE 0

*** PS047.2 WAVEFORM ***
 *** CYCLE 0 ***

RUN 22
 TP 5
 CHAN 5

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.24781E 00	1	-0.26917E-02	-0.84629E-02	0.88806E-02	171.6
	2	0.74350E-03	-0.57949E-03	0.94266E-03	127.9
	3	-0.97370E-03	0.21589E-02	0.23683E-02	335.7
	4	-0.33204E-02	0.88907E-03	0.34374E-02	284.9
	5	-0.14167E-02	0.12901E-02	0.19162E-02	312.3
	6	-0.44203E-03	-0.70155E-03	0.70294E-03	183.6
	7	-0.57584E-03	0.18724E-02	0.19599E-02	342.9
	8	-0.36329E-02	0.37833E-02	0.53912E-02	317.6
	9	0.11663E-02	0.28960E-03	0.12018E-02	76.0
	10	0.87517E-03	0.12335E-02	0.15124E-02	35.3

MAX= 0.26207E 00 MIN= 0.22907E 00 PEAK TO PEAK/2= 0.16498E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

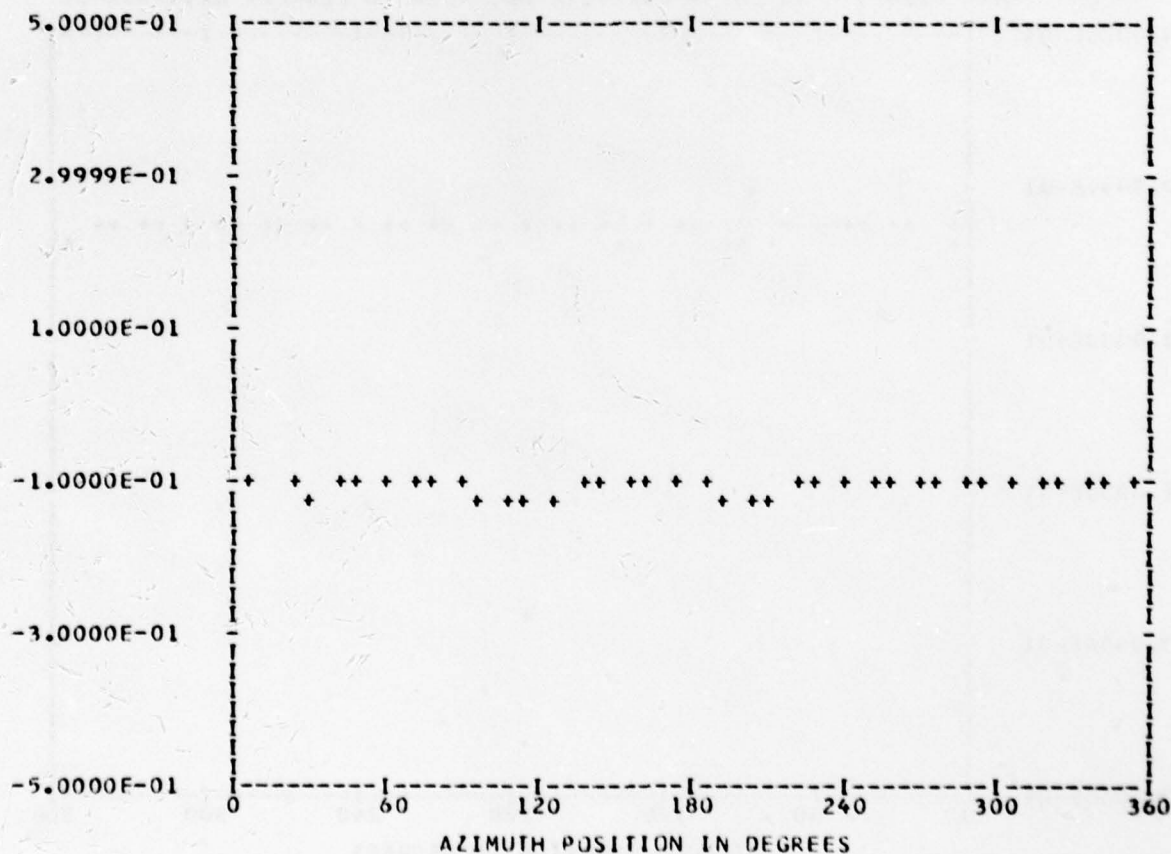
*** PS047.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BANDEDGE 0

RUN 22
 TP 2
 CHAN 54

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.10836E 00	1	0.25464E-02	-0.20205E-02	0.32506E-02	128.4
	2	0.22047E-02	-0.16254E-02	0.27391E-02	126.3
	3	-0.81320E-03	0.39988E-03	0.90620E-03	296.1
	4	-0.14529E-02	-0.48236E-02	0.50377E-02	196.7
	5	0.14229E-02	-0.45894E-03	0.14950E-02	107.8
	6	-0.12149E-03	-0.10314E-02	0.10385E-02	186.7
	7	-0.23715E-04	0.45166E-03	0.45228E-03	356.9
	8	0.11744E-02	-0.11317E-02	0.16310E-02	133.9
	9	0.33277E-03	0.12566E-03	0.35571E-03	69.3
	10	-0.59269E-03	0.43725E-04	0.59430E-03	274.2

MAX=-0.94676E-01 MIN=-0.11984E 00 PEAK TO PEAK/2= 0.12586E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

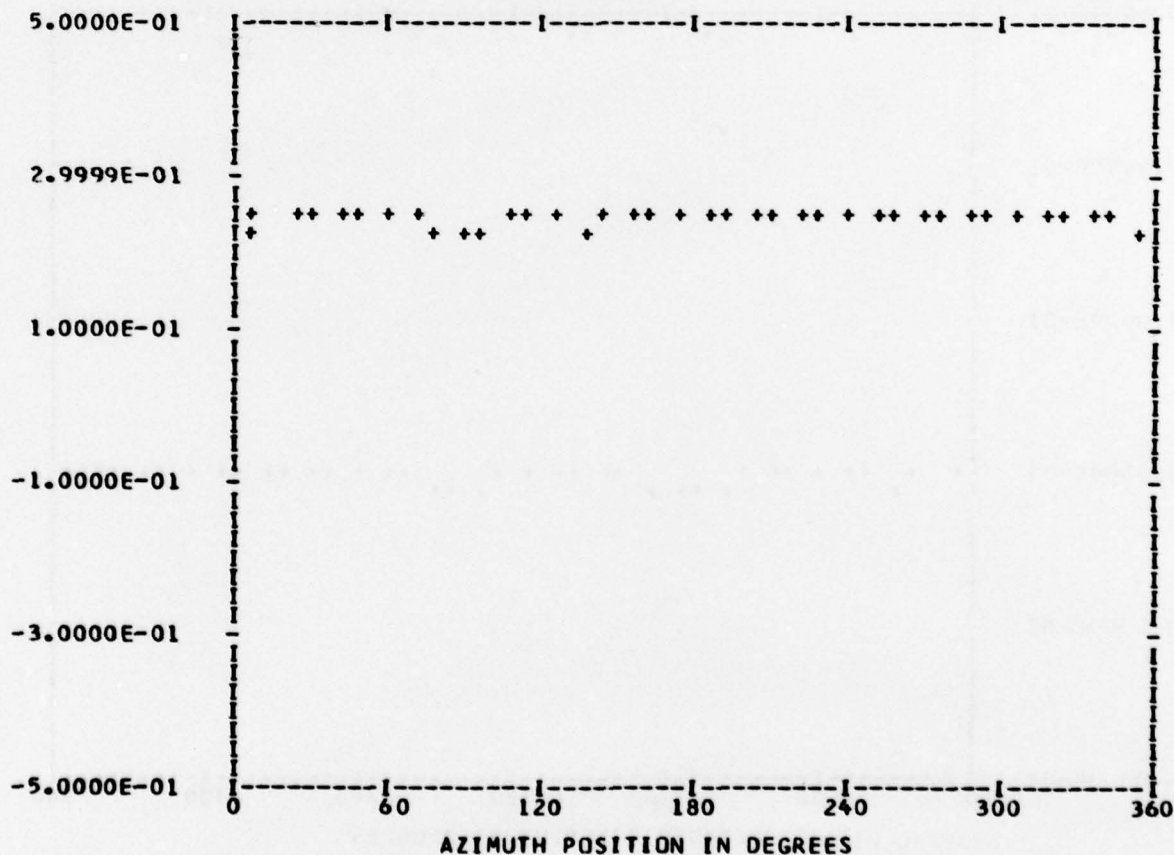
*** PS047.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BandedGE 0

RUN 22
 TP 2
 CHAN 51

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.24781E 00	1	-0.26917E-02	-0.84629E-02	0.88806E-02	197.6
	2	0.74350E-03	-0.57949E-03	0.94266E-03	127.9
	3	-0.97370E-03	0.21589E-02	0.23683E-02	335.7
	4	-0.33204E-02	0.88907E-03	0.34374E-02	284.9
	5	-0.14167E-02	0.12901E-02	0.19162E-02	312.3
	6	-0.44203E-04	-0.70155E-03	0.70294E-03	183.6
	7	-0.57584E-03	0.18724E-02	0.19590E-02	342.9
	8	-0.36329E-02	0.39833E-02	0.53912E-02	317.6
	9	0.11663E-02	0.28980E-03	0.12018E-02	76.0
	10	0.87517E-03	0.12335E-02	0.15124E-02	35.3

MAX= 0.26207E 00 MIN= 0.22907E 00 PEAK TO PEAK/2= 0.16498E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

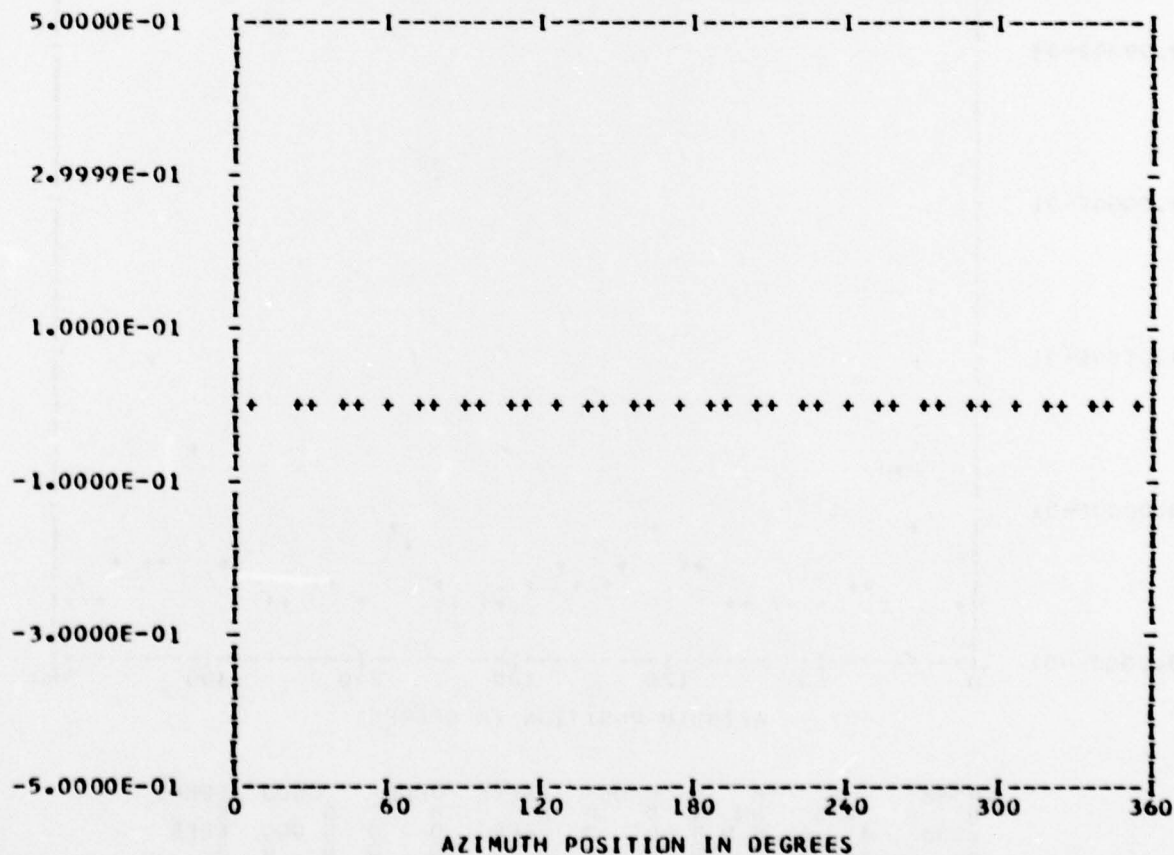
*** PS048.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BandedGE 0

RUN 22
 TP 2
 CHAN 59

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.32693E-03	1	-0.61726E-03	0.76972E-04	0.62204E-03	277.1
	2	0.22071E-03	-0.11187E-03	0.24744E-03	116.8
	3	0.40844E-03	-0.19083E-03	0.45083E-03	115.0
	4	0.36763E-03	-0.56482E-03	0.67392E-03	146.9
	5	0.10431E-03	-0.52698E-03	0.53720E-03	168.8
	6	-0.22421E-04	-0.45362E-03	0.45417E-03	182.8
	7	-0.60675E-04	0.37590E-03	0.38077E-03	350.8
	8	0.24615E-03	0.76446E-03	0.80311E-03	17.8
	9	0.89961E-04	0.60456E-03	0.61121E-03	8.4
	10	0.34840E-03	0.37542E-04	0.35042E-03	93.9

MAX= 0.17254E-02 MIN=-0.69880E-02 PEAK TO PEAK/2= 0.43567E-02



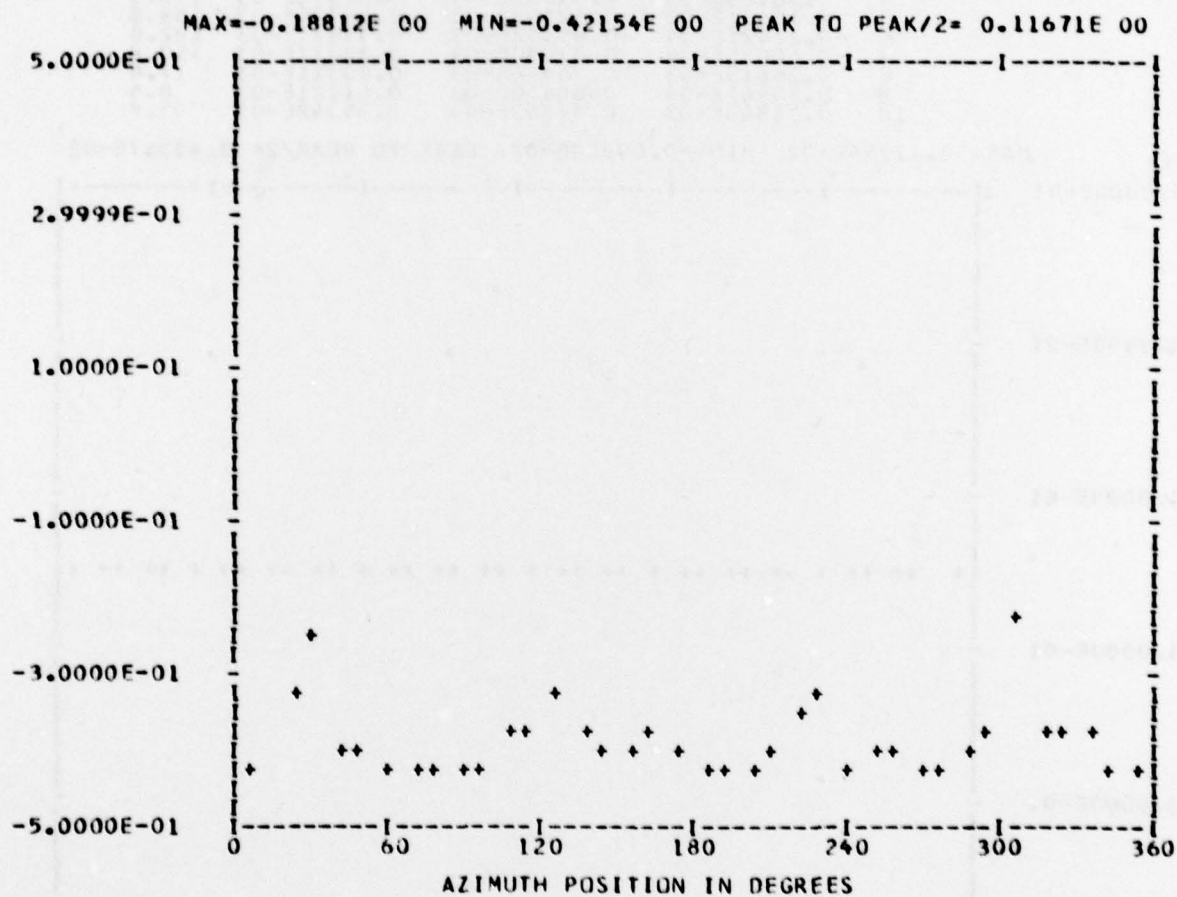
UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BandedGE 8

*** PS048.2 WAVEFORM ***
 *** CYCLE 0 ***

RUN 22
 TP 2
 CHAN 61

HARMONIC ANALYSIS SKIPPED



BBBB	A	N	N	DDDD	EEEE	DDDD	GGGG	EEEE
B B	A A	NN	NN	D D	E E	D D	G G	E E
BBBB	A A	NN	NN	D D	E E	D D	G G	E E
B B	AAAA	NN	NN	D D	E E	D D	G G	E E
BBBB	A A	NN	NN	DDDD	EEEE	DDDD	GGGG	EEEE

UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

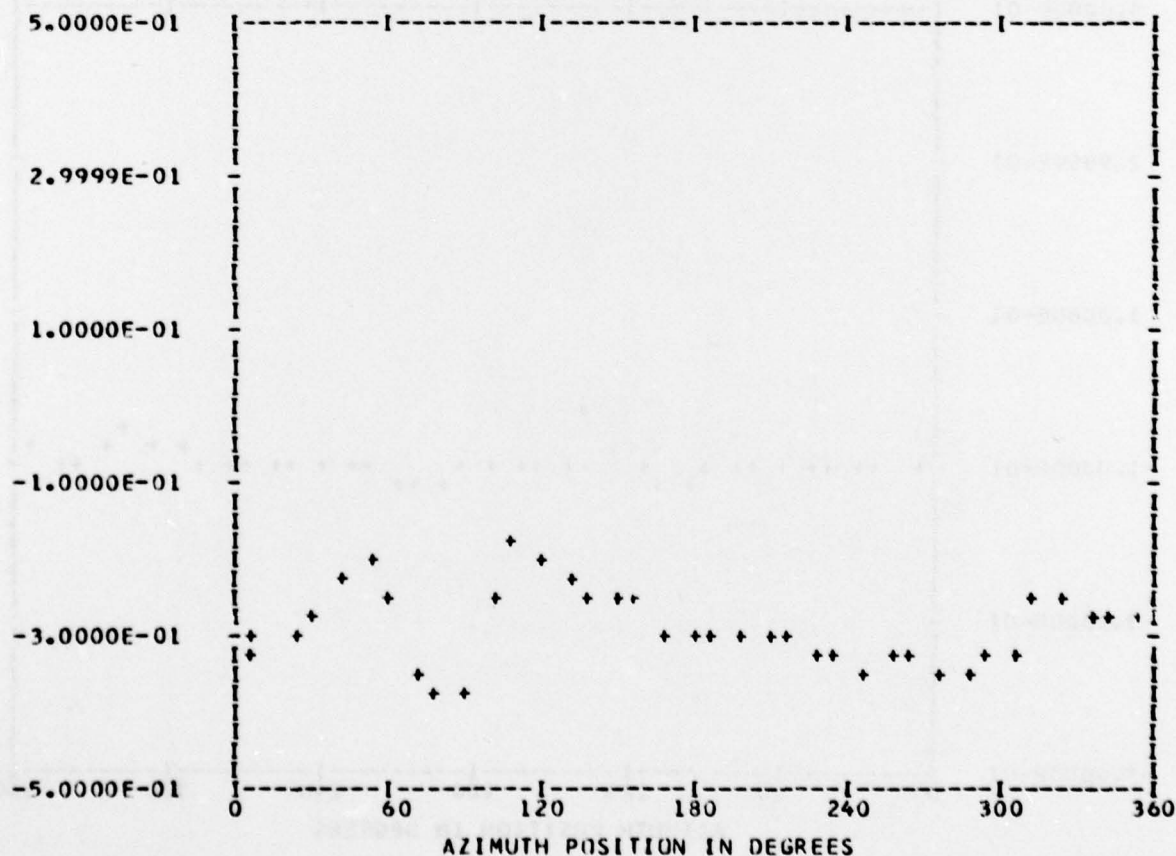
*** PS048.3 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 37
 OUT OF RANGE 0
 BANDEDGE 0

RUN 22
 TP 2
 CHAN 47

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.28975E 00	1	-0.24004E-03	0.29231E-01	0.29232E-01	359.5
	2	0.99811E-02	-0.23369E-01	0.25411E-01	156.8
	3	0.91614E-02	0.29582E-04	0.91614E-02	89.8
	4	-0.32214E-01	0.13001E-01	0.34739E-01	291.9
	5	-0.28140E-01	-0.12340E-01	0.30727E-01	246.3
	6	0.26729E-04	-0.12699E-01	0.12699E-01	179.8
	7	0.21739E-01	0.27352E-02	0.21911E-01	82.8
	8	0.39060E-02	0.68615E-02	0.78954E-02	29.6
	9	-0.40331E-02	-0.15115E-02	0.43070E-02	249.4
	10	0.28720E-02	-0.34729E-02	0.45067E-02	140.4

MAX=-0.17443E 00 MIN=-0.37479E 00 PEAK TO PEAK/2= 0.10017E 00



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

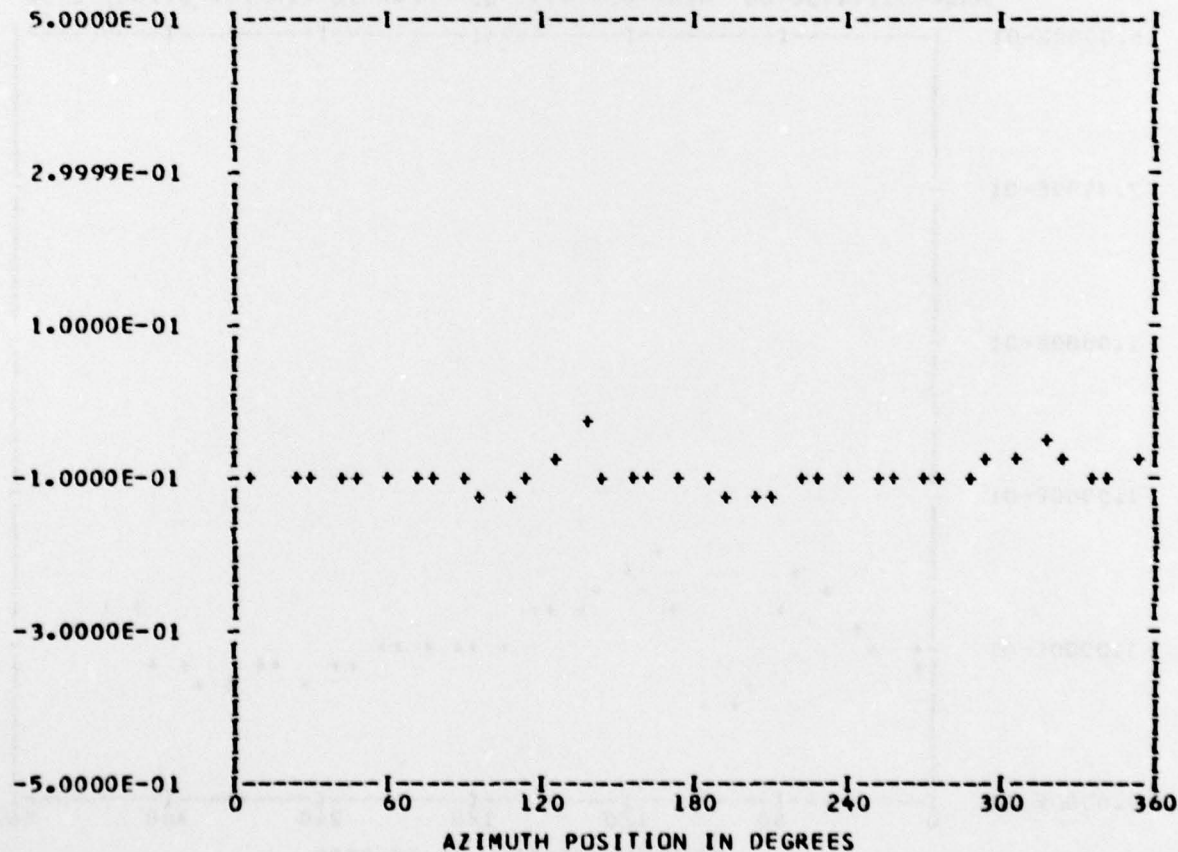
*** PS052.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BANDEDGE 0

RUN 22
 TP 2
 CHAN 57

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.95132E-01	1	0.65937E-02	-0.65167E-03	0.66258E-02	95.6
	2	-0.18229E-02	-0.14217E-01	0.14333E-01	187.3
	3	0.40210E-02	0.59931E-02	0.72171E-02	33.8
	4	-0.11970E-01	0.23079E-02	0.12190E-01	280.9
	5	0.29022E-02	-0.22480E-02	0.36710E-02	127.7
	6	0.86134E-02	0.62850E-03	0.86363E-02	85.8
	7	-0.60067E-02	0.20577E-02	0.63494E-02	288.9
	8	-0.93641E-03	-0.98323E-02	0.98767E-02	185.4
	9	0.36866E-02	0.87421E-03	0.37889E-02	76.6
	10	-0.46358E-02	0.18502E-02	0.49914E-02	291.7

MAX=-0.14112E-01 MIN=-0.12721E 00 PEAK TO PEAK/2= 0.56549E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

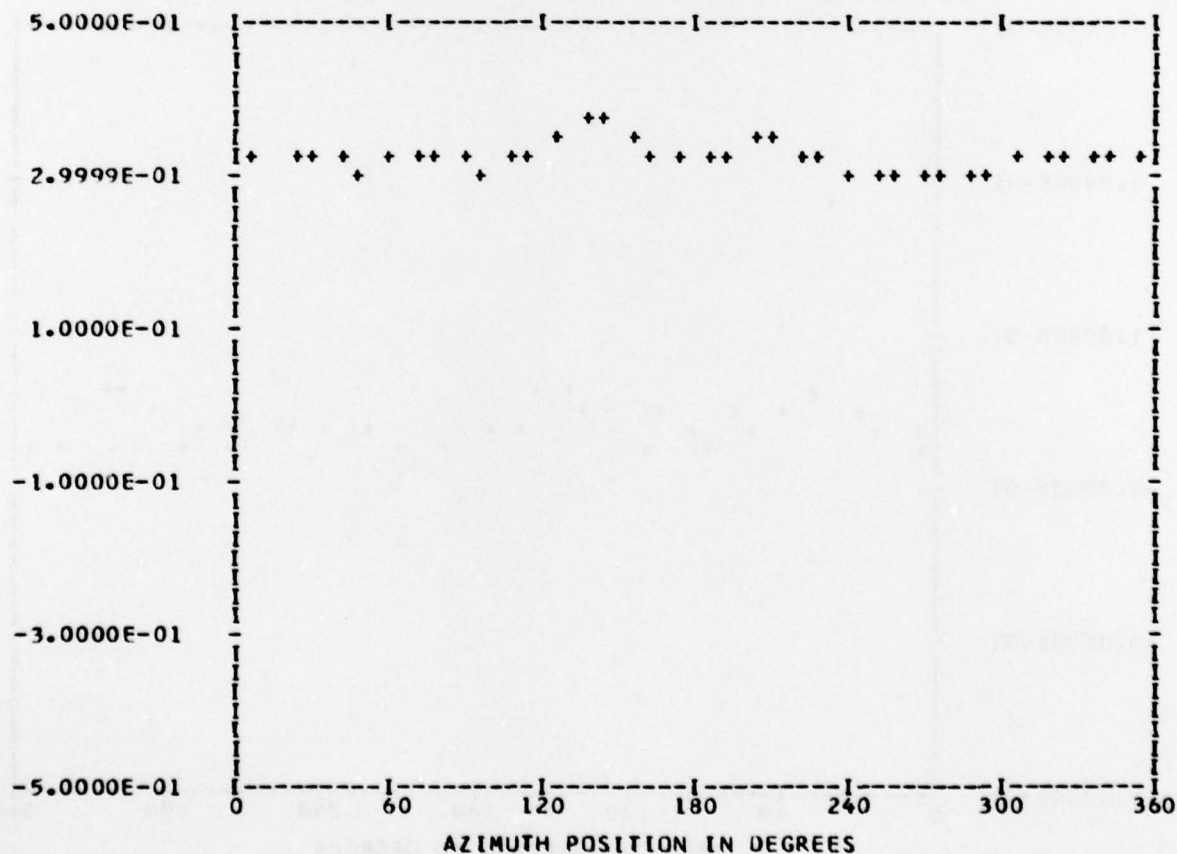
*** PS052.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BANDEDGE 0

RUN 22
 TP 2
 CHAN 50

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.32442E 00	1	-0.98166E-02	0.10164E-01	0.14131E-01	315.9
	2	0.78428E-02	-0.92279E-02	0.12110E-01	139.6
	3	0.94656E-03	-0.83658E-03	0.12632E-02	131.4
	4	-0.86149E-02	0.65326E-02	0.10811E-01	307.1
	5	0.57899E-02	-0.43432E-02	0.72379E-02	126.8
	6	0.12883E-02	0.79481E-02	0.80518E-02	9.2
	7	-0.29509E-02	-0.16858E-02	0.33985E-02	240.2
	8	-0.19759E-02	-0.31324E-02	0.37036E-02	212.2
	9	-0.34506E-03	-0.17998E-02	0.18326E-02	190.8
	10	-0.14023E-02	-0.16138E-02	0.21380E-02	220.9

MAX= 0.37335E 00 MIN= 0.29685E 00 PEAK TO PEAK/2= 0.38250E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

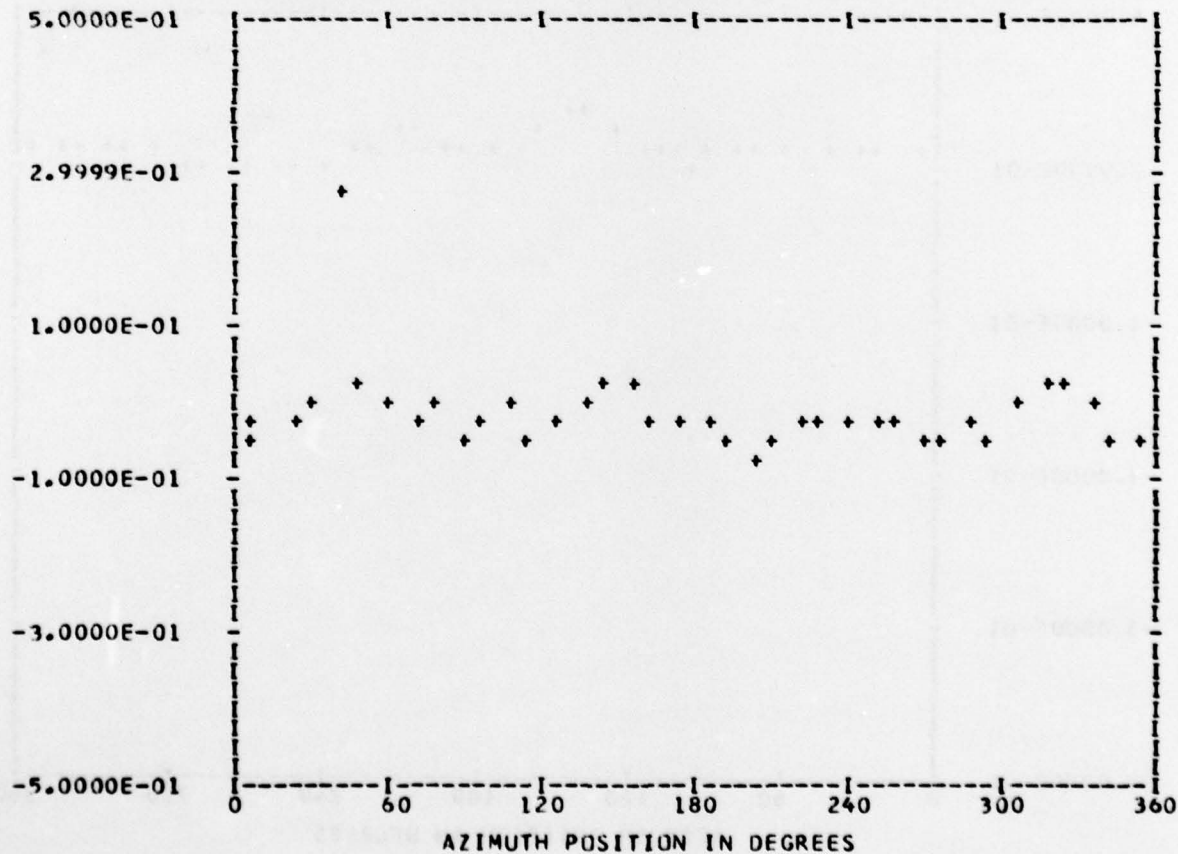
*** PS056.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 RANDEGE 0

RUN 22
 TP 2
 CHAN 60

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.14658E-01	1	0.19985E-01	0.15004E-01	0.24990E-01	53.1
	2	0.48138E-02	0.72380E-02	0.86926E-02	33.6
	3	-0.30404E-02	0.22887E-01	0.23088E-01	352.4
	4	-0.30843E-01	0.16232E-01	0.34853E-01	297.7
	5	-0.13423E-01	0.16010E-01	0.20893E-01	320.0
	6	-0.14524E-01	0.34166E-02	0.14920E-01	283.2
	7	-0.11673E-01	-0.12159E-01	0.16856E-01	223.8
	8	0.28607E-02	-0.18096E-01	0.18321E-01	171.0
	9	0.29333E-03	-0.13947E-01	0.13950E-01	178.7
	10	0.11035E-01	-0.21398E-01	0.24076E-01	152.7

MAX= 0.27416E 00 MIN=-0.78413E-01 PEAK TO PEAK/2= 0.17628E 00



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

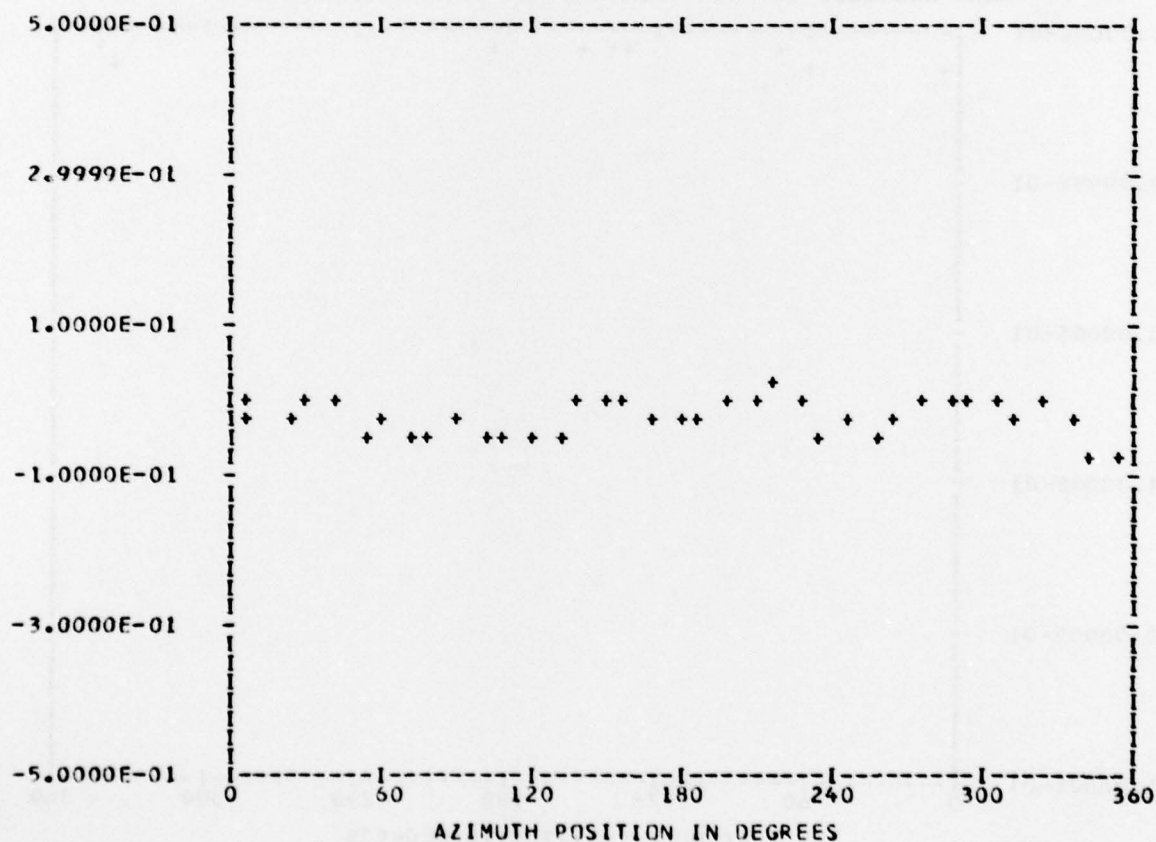
*** PS056.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 37
 OUT OF RANGE 0
 BANNEDGE 0

RUN 22
 TP 2
 CHAN 45

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
-0.23204E-01	1	-0.72254E-02	-0.76983E-02	0.10558E-01	223.1
	2	0.48117E-02	0.11377E-02	0.49444E-02	76.6
	3	-0.97216E-02	0.94517E-02	0.13558E-01	314.1
	4	-0.69089E-02	0.13985E-01	0.15599E-01	333.7
	5	0.10446E-01	0.57640E-02	0.11931E-01	61.1
	6	-0.89638E-02	0.55286E-02	0.10531E-01	301.6
	7	0.21477E-02	0.90593E-03	0.23310E-02	67.1
	8	0.44606E-02	0.25585E-02	0.51423E-02	60.1
	9	0.28996E-02	0.39037E-02	0.48628E-02	36.6
	10	0.57500E-02	-0.21961E-02	0.61551E-02	110.9

MAX= 0.22361E-01 MIN=-0.80364E-01 PEAK TC PEAK/2= 0.51363E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

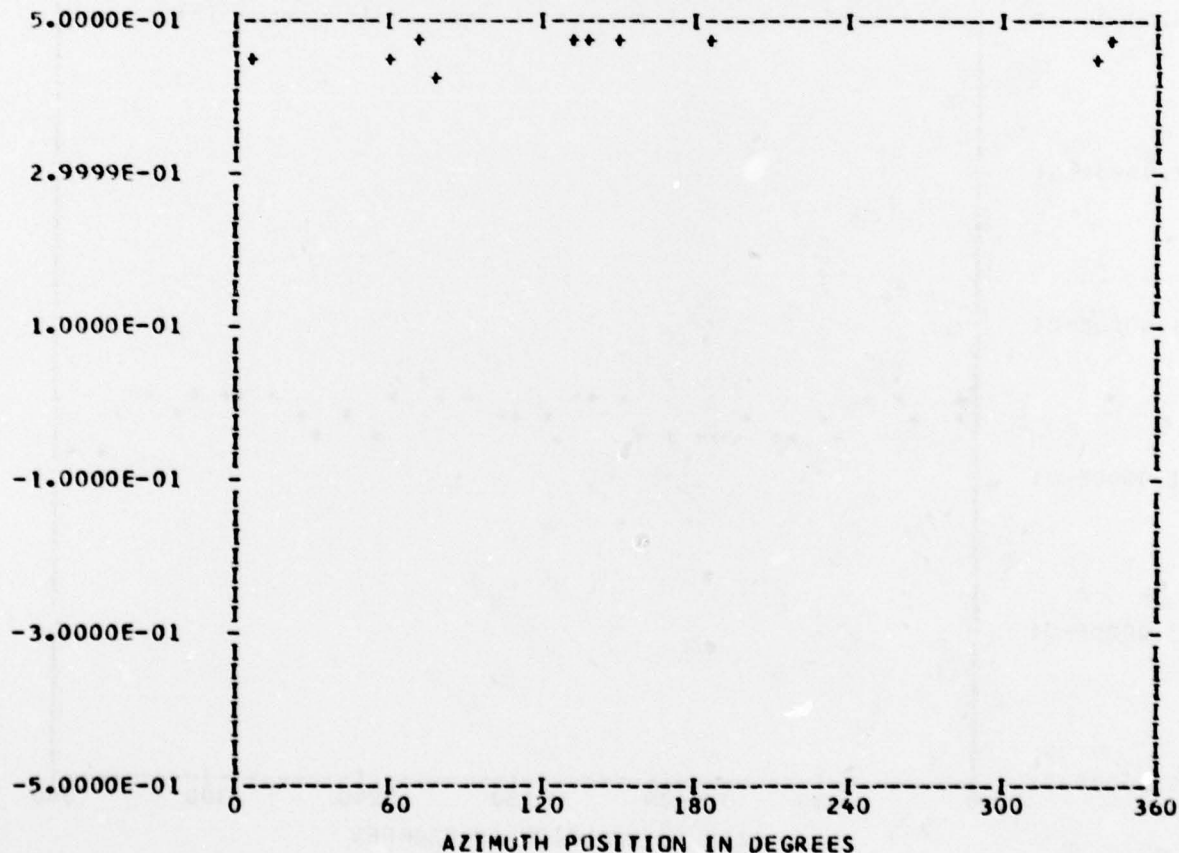
*** PS056.3 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 37
 OUT OF RANGE 23
 BandedGE 0

RUN 22
 TP 2
 CHAN 48

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.50967E 00	1	-0.15836E-01	-0.87186E-02	0.18077E-01	241.1
	2	0.62307E-02	0.31773E-02	0.69941E-02	62.9
	3	0.31317E-02	0.97082E-03	0.32787E-02	72.7
	4	0.54078E-02	0.44841E-02	0.70251E-02	50.3
	5	0.25962E-01	0.21139E-01	0.33480E-01	50.8
	6	-0.18451E-01	0.14221E-02	0.18506E-01	274.4
	7	0.13621E-01	-0.15049E-01	0.20298E-01	137.8
	8	0.22329E-02	0.25837E-03	0.22478E-02	83.3
	9	0.55754E-02	-0.93412E-02	0.10878E-01	149.1
	10	0.18378E-02	-0.35062E-03	0.18709E-02	100.8

MAX= 0.59668E 00 MIN= 0.43273E 00 PEAK TO PEAK/2= 0.81974E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

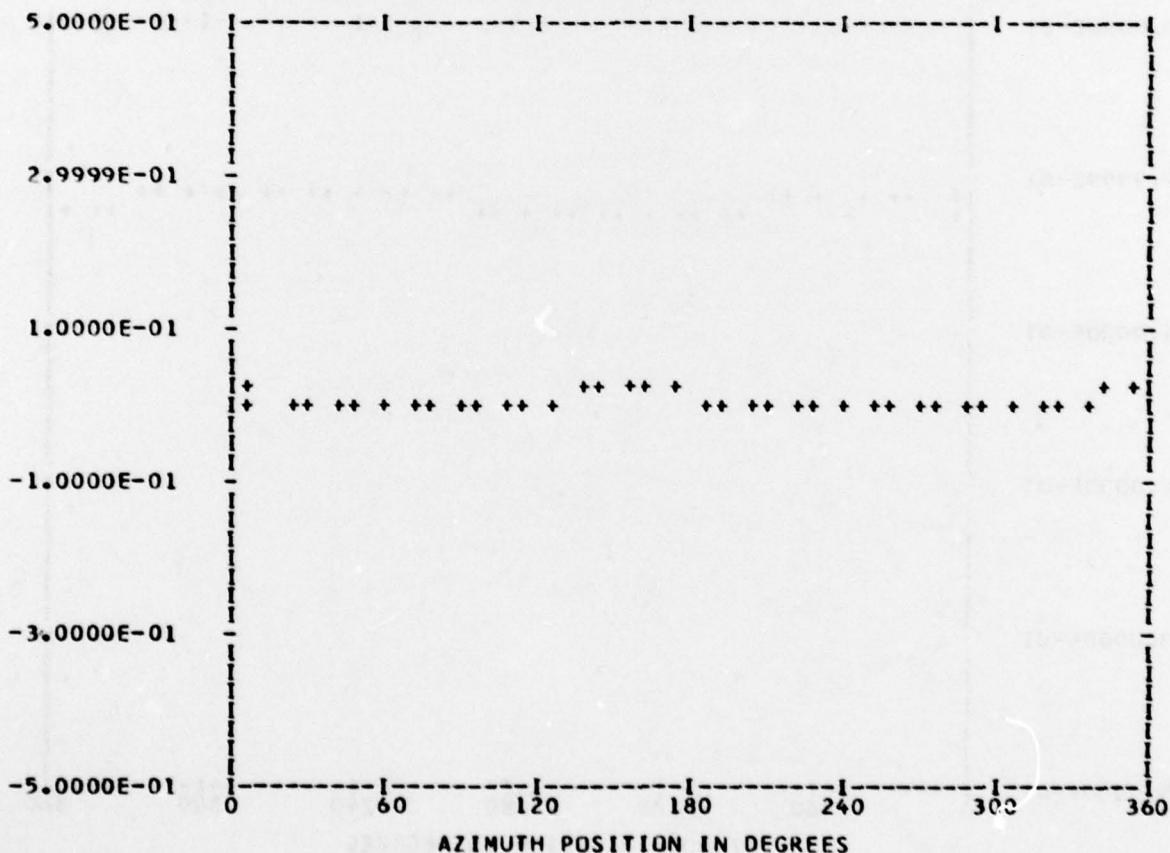
*** PS057.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BandedGE 0

RUN 22
 TP 2
 CHAN 55

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.24190E-02	1	-0.11081E-02	0.20190E-02	0.23031E-02	331.2
	2	0.82180E-02	-0.82893E-02	0.11672E-01	135.2
	3	0.12847E-02	0.16544E-02	0.20947E-02	37.8
	4	0.93174E-03	-0.56076E-02	0.56845E-02	170.5
	5	0.33227E-02	-0.10198E-02	0.34757E-02	107.0
	6	-0.92376E-03	-0.85733E-03	0.12602E-02	227.1
	7	0.99764E-03	0.11582E-02	0.15286E-02	40.7
	8	-0.72137E-04	-0.18506E-02	0.18520E-02	182.2
	9	0.68059E-03	0.84128E-03	0.10821E-02	38.9
	10	-0.71941E-03	-0.80432E-03	0.10791E-02	221.8

MAX= 0.27168E-01 MIN=-0.10475E-01 PEAK TO PEAK/2= 0.18822E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

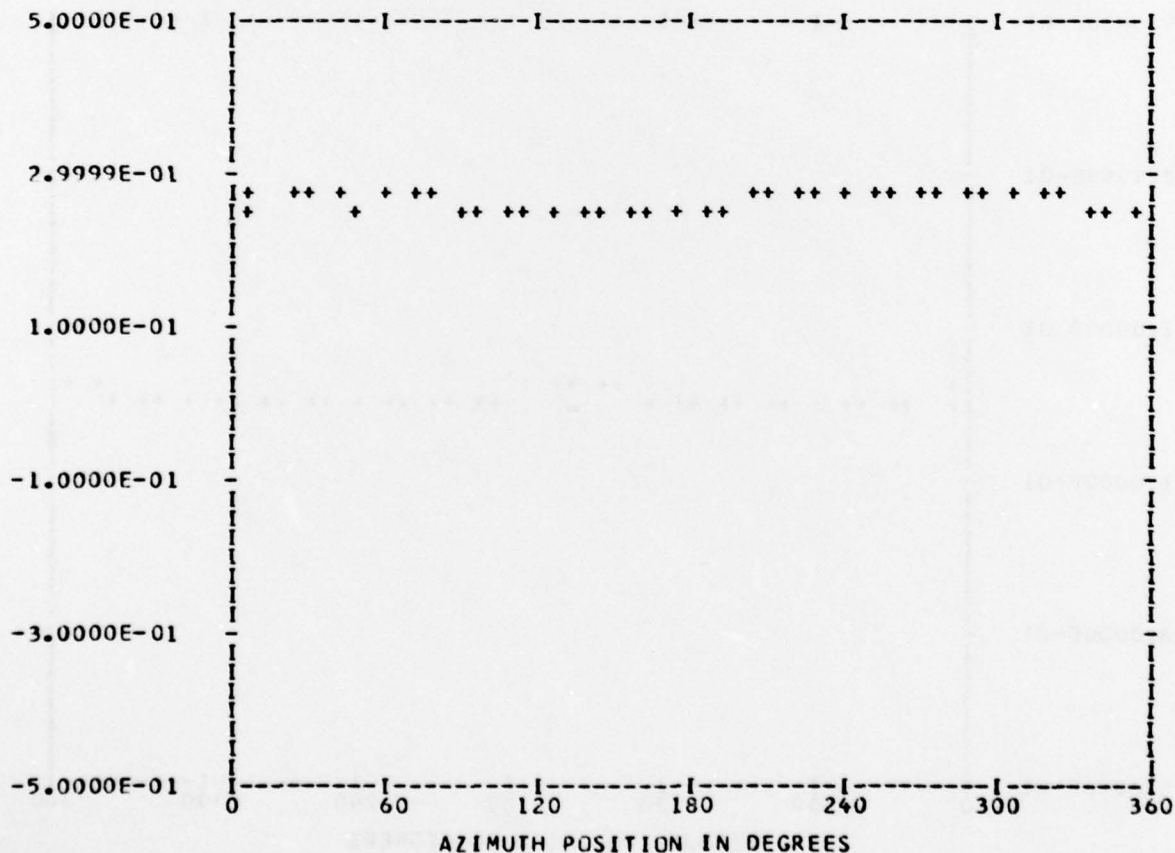
*** DATA ANALYSIS ***
 ENTRED 38
 OUT OF RANGE 0
 RANDEGE 0

*** PS057.2 WAVEFORM ***
 *** CYCLE 0 ***

RUN 22
 TP 2
 CHAN 52

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.26568E 00	1	0.93732E-03	-0.92946E-02	0.93418E-02	174.2
	2	-0.32378E-02	0.40351E-02	0.51735E-02	321.2
	3	-0.32465E-02	0.28205E-02	0.43006E-02	310.9
	4	0.37973E-03	0.36726E-02	0.36921E-02	5.9
	5	0.80330E-03	0.28066E-02	0.29193E-02	15.9
	6	0.41098E-03	0.13350E-02	0.13969E-02	17.1
	7	0.15844E-02	0.17816E-02	0.23842E-02	41.6
	8	-0.41239E-02	0.31560E-02	0.51930E-02	307.4
	9	0.54643E-03	0.58081E-03	0.79745E-03	43.2
	10	0.31804E-03	-0.12628E-03	0.34220E-03	111.6

MAX= 0.28518E 00 MIN= 0.24614E 00 PEAK TO PEAK/2= 0.19520E-01



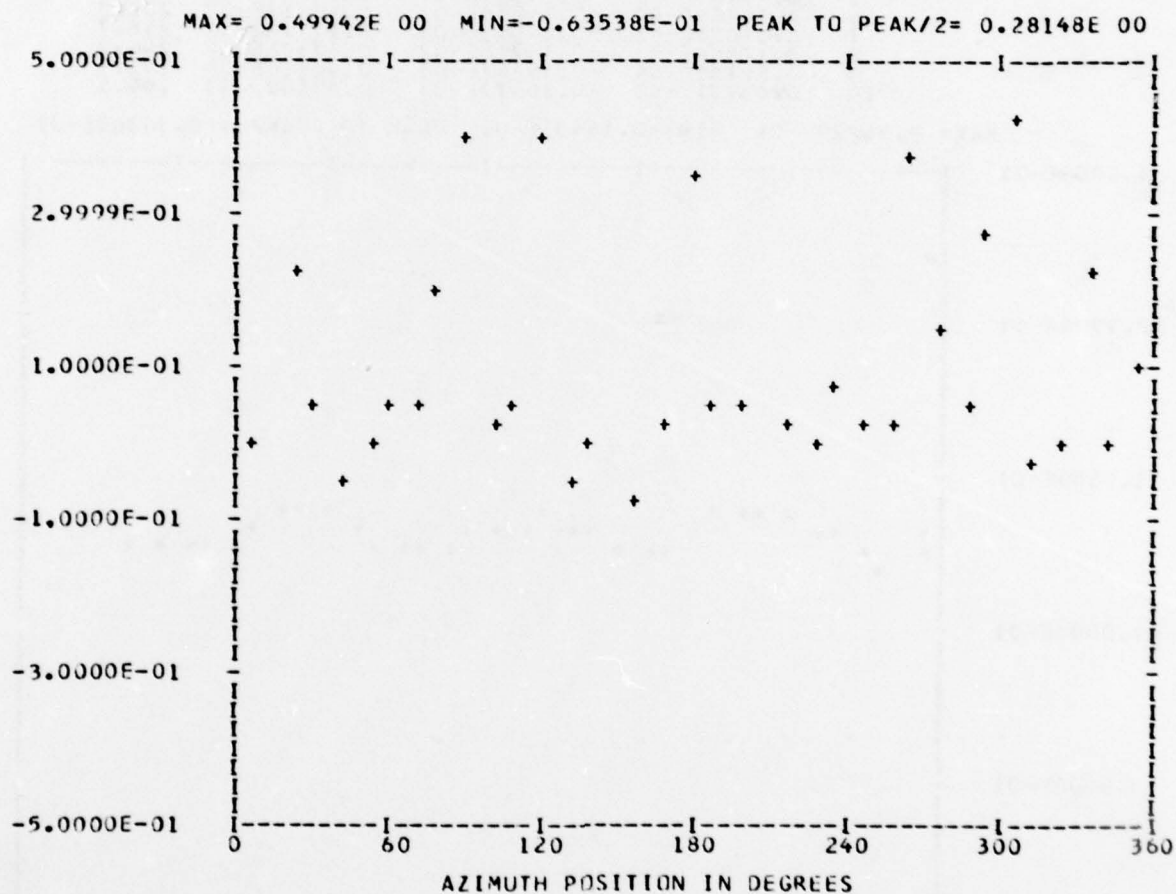
UTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

*** PS071.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 37
 OUT OF RANGE 0
 BANDEDGE 3

RUN 22
 TP 2
 CHAN 46

HARMONIC ANALYSIS SKIPPED



BBBB	A	N	N	DDDD	EEEE	DDDD	GGGG	EEEE
B	A A	NN	NN	D D	E	D D	G	E
BBBB	A A	N N	N N	D D	EEEE	D D	G GGG	EEEE
B	AAAAA	N NN	NN D	D	E	D D	G G	E
BBBB	A A	N N	DDDD	EEEE	DDDD	GGGG	EEEE	EEEE

UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

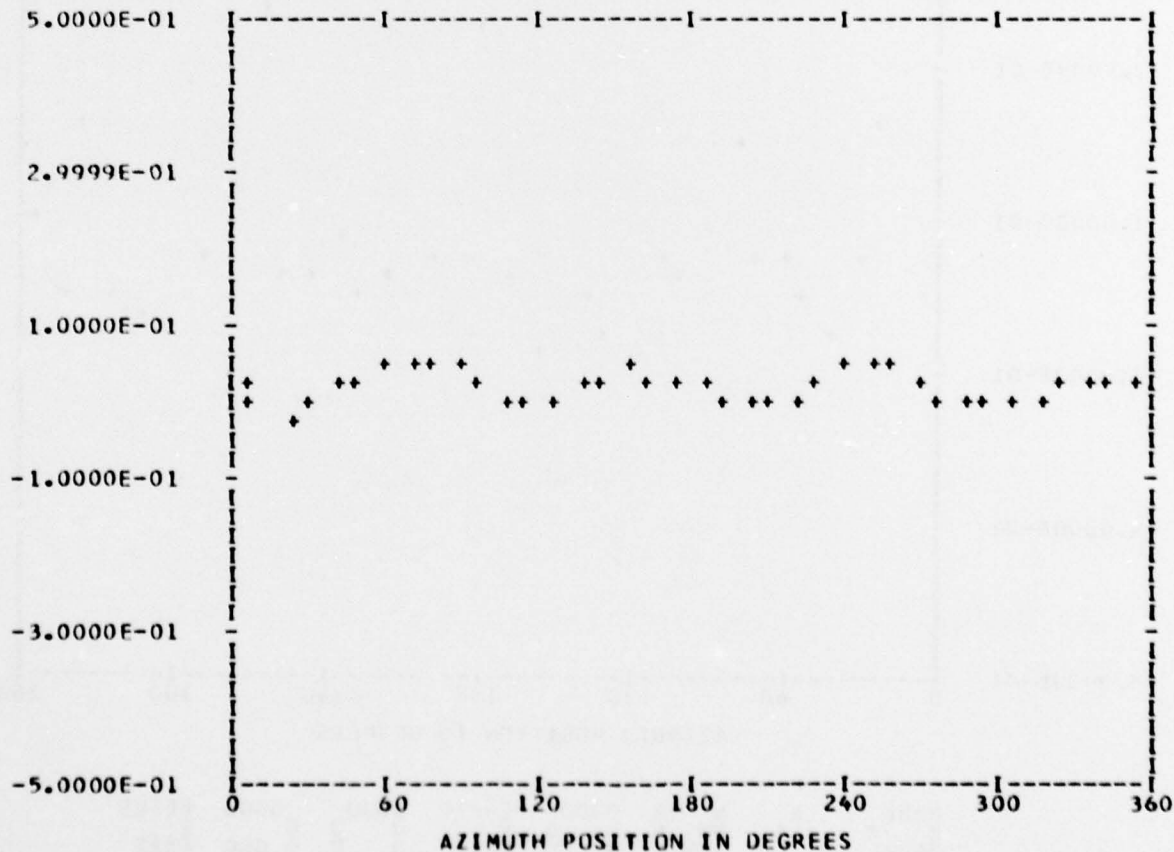
*** PS072.1 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 Bandedge 0

RUN 22
 TP 2
 CHAN 56

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.20507E-01	1	-0.39171E-03	0.39469E-02	0.39663E-02	354.3
	2	-0.54746E-02	0.70056E-02	0.88910E-02	321.9
	3	-0.88813E-03	-0.19453E-02	0.21385E-02	204.5
	4	-0.71069E-02	-0.21718E-01	0.22851E-01	198.1
	5	0.43487E-03	-0.24105E-02	0.24494E-02	169.7
	6	-0.16389E-02	-0.36835E-02	0.40317E-02	203.9
	7	-0.14681E-02	-0.89053E-03	0.17170E-02	238.7
	8	-0.77586E-03	-0.15716E-02	0.17526E-02	206.2
	9	-0.81780E-04	-0.39267E-03	0.40110E-03	191.7
	10	0.63771E-03	-0.16573E-03	0.65890E-03	104.5

MAX= 0.54229E-01 MIN=-0.14491E-01 PEAK TO PEAK/2= 0.34360E-01



UTTAS 1/5 TH SCALE MODEL FUSELAGE PRESSURES---MID SECTION

*** PS072.2 WAVEFORM ***
 *** CYCLE 0 ***

*** DATA ANALYSIS ***
 ENTERED 38
 OUT OF RANGE 0
 BandedGE 0

RUN 22
 TP 2
 CHAN 53

STEADY	HARM	COS COEFF	SIN COEFF	RES	PHASE
0.23699E 00	1	0.81238E-03	0.24187E-02	0.25515E-02	18.5
	2	-0.42343E-02	-0.50933E-02	0.66236E-02	219.7
	3	0.12573E-02	0.50619E-02	0.52157E-02	13.9
	4	0.45526E-02	0.55236E-02	0.71580E-02	39.4
	5	-0.26967E-03	0.34072E-02	0.34178E-02	355.4
	6	0.19902E-02	0.20760E-02	0.28759E-02	43.7
	7	-0.56045E-03	0.10873E-02	0.12232E-02	332.7
	8	0.53375E-03	0.43120E-02	0.43449E-02	7.0
	9	-0.25380E-03	-0.14671E-02	0.14888E-02	189.8
	10	-0.11801E-02	-0.73303E-03	0.13893E-02	238.1

MAX= 0.25349E 00 MIN= 0.21239E 00 PEAK TO PEAK/2= 0.20554E-01

